

**TEST REPORT**

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**Report No.: 22111136HKG-001****Application For Class II Permissive Change of 47 CFR Part 15 Certification****Honeywell Versatili Signal Scout****902-928MHz Transceiver****FCC ID: S5751490045****Prepared and Checked by:**  
Wong Cheuk Ho, Herbert  
Lead Engineer**Approved by:**  
Lee Shui Tim, Tim  
Assistant Manager  
Date: January 12, 2023

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**GENERAL INFORMATION**

<b>Grantee:</b>	Honeywell International Inc.
<b>Grantee Address:</b>	512 Virginia Drive, Fort Washinton, Pennsylvania, 19034, United States.
<b>Manufacturer Name:</b>	Honeywell Technology Solutions Lab PVT Ltd.
<b>Manufacturer Address:</b>	19/2 Devarabisanahalli Village, Varthur Hobli, Bangalore East Taluk, Banalore, India (Republic Of)
<b>FCC Specification Standard:</b>	FCC Part 15, October 1, 2021 Edition
<b>FCC ID:</b>	S5751490045
<b>FCC Model(s):</b>	51490045
<b>Type of EUT:</b>	DTS/Hybrid System
<b>Description of EUT:</b>	Honeywell Versatili Signal Scout (902-928MHz Transceiver)
<b>Serial Number:</b>	H34
<b>Sample Receipt Date:</b>	November 27, 2022
<b>Date of Test:</b>	November 27, 2022 to January 05, 2023
<b>Report Date:</b>	January 12, 2023
<b>Environmental Conditions:</b>	Temperature: +10 to 40°C Humidity: 10 to 90%
<b>Conclusion:</b>	Test was conducted by client submitted sample. The submitted sample as received complied with the 47 CFR Part 15 Certification.

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## EXHIBIT 1 TEST RESULTS SUMMARY & STATEMENT OF COMPLIANCE

### 1.1 Summary of Test Results

Test Items	FCC Part 15 Section	RSS-210/ RSS-Gen <sup>#</sup>	Results	Details See Section
Antenna Requirement	15.203	7.1.2#	Pass	2.1
Maximum Conducted Output Power at Antenna Terminals	15.247(b)(3)&(4)	5.4(4)	Pass	4.1
Minimum 6dB RF Bandwidth	15.247(a)(2)	5.2(1)	Pass	4.2
99% Occupied Bandwidth	--	4.6.1#	Pass	4.2
Maximum Power Spectral Density Reading	15.247(e)	5.2(2)	Pass	4.3
Minimum Number of Hopping Frequencies	15.247(a)(1)(iii)	5.1(4)	Pass	4.3
Minimum Hopping Channel Carrier Frequency Separation	15.247(a)(1)	5.1(2)	Pass	4.4
Average Channel Occupancy Time	15.247(a)(1)(iii)	5.1(4)	Pass	4.5
Out of Band Conducted Emission	15.247(d)	5.5	Pass	4.4
Radiated Emission in Restricted Bands and Spurious Emissions	15.247(d), 15.209 & 15.109	5.5	Pass	4.7

Note: Pursuant to FCC Part 15 Section 15.215(c), the 20dB bandwidth of the emission was contained within the frequency band designated (mentioned as above) which the EUT operated. The effects, if any, from frequency sweeping, frequency hopping, other modulation techniques and frequency stability over expected variations in temperature and supply voltage were considered.

### 1.2 Statement of Compliance

The equipment under test is found to be complying with the following standards:

FCC Part 15, October 1, 2022 Edition

RSS-247 Issue 2, February 2017

RSS-Gen Issue 5 Amendment 2, February 2021

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## EXHIBIT 2 GENERAL DESCRIPTION

### 2.1 Product Description

The Honeywell Versatili Signal Scout is a 902-928MHz Transceiver.

The Equipment Under Test (EUT) operates at frequency range of 903.0MHz to 914.2MHz with 8 channels in DTS mode, and 902.3MHz to 914.9MHz with 64 channels in Hybrid mode.

The EUT is powered by 3.6VDC battery.

Antenna type: Internal, integral, Helical Antenna

Maximum Antenna Gain: 6.4 dBi

### 2.2 Test Methodology

Radiated emission measurements were performed according to the procedures in ANSI C63.10 (2013). Preliminary radiated scans and all radiated measurements were performed in radiated emission test sites. All Radiated tests were performed at an antenna to EUT distance of 3 meters, unless stated otherwise in the "**Justification Section**" of this Application. Antenna port conducted measurements were performed according to ANSI C63.10 (2013) and KDB Publication No. 558074 D01 v05r02 (April 02, 2019) All other measurements were made in accordance with the procedures in 47 CFR Part 2 and RSS-Gen Issue 5 Amendment 2, February 2021.

### 2.3 Test Facility

The radiated emission test site and antenna port conducted measurement facility used to collect the radiated data and conductive data are at Workshop No. 3, G/F., World-Wide Industrial Centre, 43-47 Shan Mei Street, Fo Tan, Sha Tin, N.T., Hong Kong SAR, China. This test facility and site measurement data have been fully placed on file with the FCC and Industry Canada No.: 2042H, CABID is "HKAP01".

### 2.4 Purpose of Change

The purpose of Change is saved in "Purpose of Change.pdf".

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## EXHIBIT 3 SYSTEM TEST CONFIGURATION

### 3.1 Justification

For radiated emissions testing, the equipment under test (EUT) was setup to transmit / receive continuously to simplify the measurement methodology. Care was taken to ensure proper power supply voltages during testing. During testing, all cables (if any) were manipulated to produce worst case emissions.

The EUT was powered by a new 3.6VDC battery during test.

For the measurements, the EUT was attached to a plastic stand if necessary and placed on the wooden turntable. If the base unit attached to peripherals, they were connected and operational (as typical as possible).

The signal was maximized through rotation and placement in the three orthogonal axes. The antenna height and polarization were varied during the search for maximum signal level. The antenna height was varied from 1 to 4 meters. Radiated emissions were taken at three meters unless the signal level was too low for measurement at that distance. If necessary, a pre-amplifier was used and/or the test was conducted at a closer distance.

Radiated emission measurement for transmitter were performed from the lowest radio frequency signal generated in the device which is greater than 9 kHz to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower.

Emission that are directly caused by digital circuits in the transmit path and transmitter portion were measured, and the limit are according to FCC Part 15 Section 15.209 / RSS-247 2.5. Digital circuitries used to control additional functions other than the operation of the transmitter are subject to FCC Part 15 Section 15.109 / RSS-247 Section 5.5 Limits.

Detector function for radiated emissions was in peak mode. Average readings, when required, were taken by measuring the duty cycle of the equipment under test and subtracting the corresponding amount in dB from the measured peak readings. A detailed description for the calculation of the average factor can be found in section 4.8.3.

Determination of pulse desensitization was made according to *Hewlett Packard Application Note 150-2, Spectrum Analysis... Pulsed RF*. The effective period (Teff) was referred to Exhibit 4.8.3. With the resolution bandwidth 1MHz and spectrum analyzer IF bandwidth 3dB, the pulse desensitization factor was 0dB.

All relevant operation modes have been tested, and the worst-case data is included in this report.

All data rates were tested under normal mode. Only the worst-case data is shown in the report.

For simultaneous transmission, both 900MHz DTS/Hybrid and Bluetooth portions are also switched on when taking radiated emission for determining worst-case spurious emission.

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### 3.2 EUT Exercising Software

The EUT exercise program used during radiated and conducted testing was designed to exercise the various system components in a manner similar to a typical use.

### 3.3 Details of EUT and Description of Accessories

Details of EUT:

The EUT is powered by 3.6VDC battery

Description of Accessories:

N/A

There are no accessories for compliance of this product.

### 3.4 Measurement Uncertainty

Decision Rule for compliance: For FCC/IC standard, the measured value must be within the limits of applicable standard without accounting for the measurement uncertainty. For EN/IEC/HKTA/HKTC standard, conformity rules will be used as per standard directly excepted EN/IEC 61000-3-2, EN/IEC 61000-3-3, HKTA1004, HKCA1008, HKTA1019, HKTA1020, HKTA1041 and HKTA1044. For these excepted or not mentioned standards, Cl 4.2.2 of ILAC-G8:09/2019 decision rules will be reference and guard band will be equal to our measurement uncertainty with 95% confidence level (k=2). In case, the measured value is within guard band region, undetermined decision will be used. The values of the Measurement uncertainty for radiated emission test, AC line conducted emission test and RF conducted test, frequency stability and timing jitter are  $\pm 5.3\text{dB}$ ,  $\pm 4.2\text{dB}$ ,  $\pm 1\text{dB}$ ,  $\pm 23\text{Hz}$ ,  $0.1\mu\text{s}$  respectively.

Uncertainty and Compliance - Unless the standard specifically states that measured values are to be extended by the measurement uncertainty in determining compliance, all compliance determinations are based on the actual measured value.

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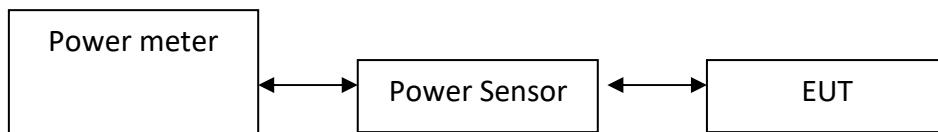


## EXHIBIT 4 TEST RESULTS

### 4.1 Maximum Conducted Output Power at Antenna Terminals

#### RF Conduct Measurement Test Setup

The figure below shows the test setup, which is utilized to make these measurements.



The antenna port of the EUT was connected to the input of a spectrum analyzer.

- External attenuation and cable loss were compensated for using the OFFSET function of the analyser. The measurement procedure PK1 was used.
- The EUT should be configured to transmit continuously (at a minimum duty cycle of 98%) at full power over the measurement duration. The measurement procedure AVG1 was used.

DTS mode (500kHz) / Peak Antenna Gain = 6.4 dBi

Frequency (MHz)	Output in dBm	Output in mWatt
Low Channel: 903.0	16.28	42.5
Middle Channel: 907.8	15.06	32.1
High Channel: 914.2	16.16	41.3

Hybrid mode (125kHz) / Peak Antenna Gain = 6.4 dBi

Frequency (MHz)	Output in dBm	Output in mWatt
Low Channel: 902.3	16.28	42.5
Middle Channel: 908.5	16.15	41.2
High Channel: 914.9	16.04	40.2

Cable loss: 0.5dB

External Attenuation: 0 dB

Cable loss, external attenuation:  included in OFFSET function  
 added to SA raw reading

EUT dBm Max. Output Level = 16.28 dBm

Limits:

- 1W (30dBm) for antennas with gains of 6dBi or less.
- 0.912W (29.6dBm) for antennas with gains more than 6dBi.

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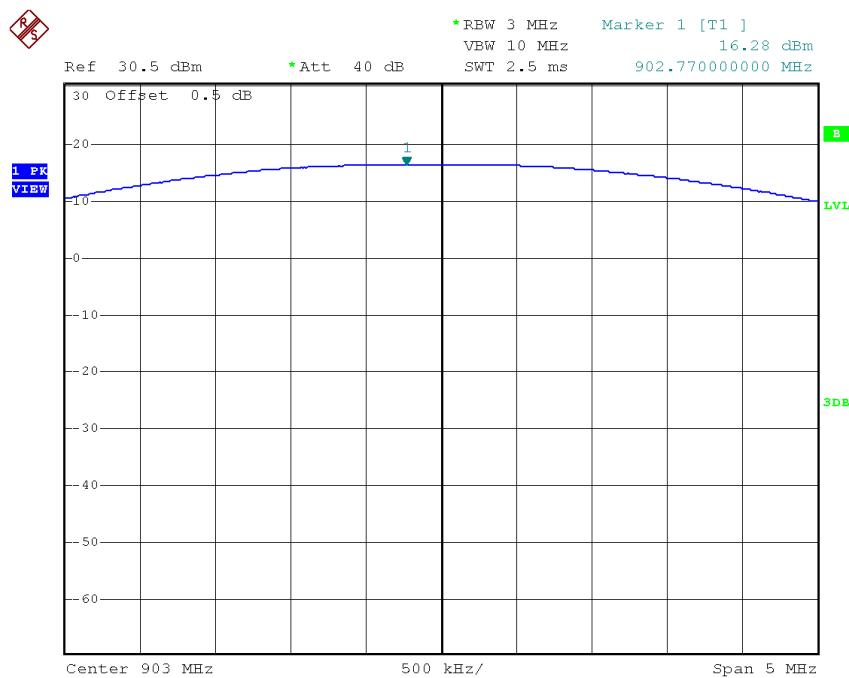
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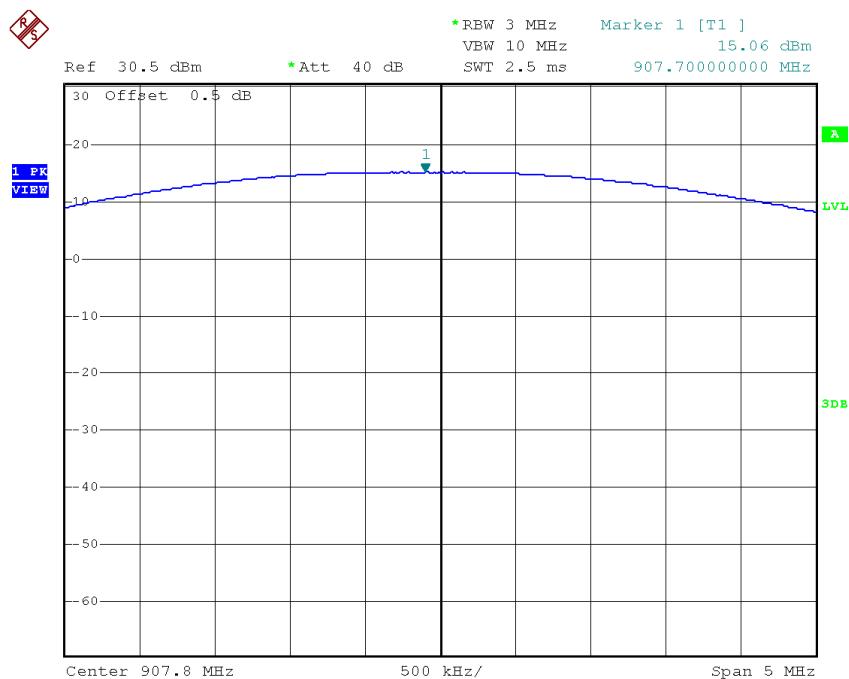


## PLOTS OF MAXIMUM CONDUCTED OUTPUT POWER AT ANTENNA TERMINALS

Lowest Channel DTS mode (500kHz)



Middle Channel DTS mode (500kHz)



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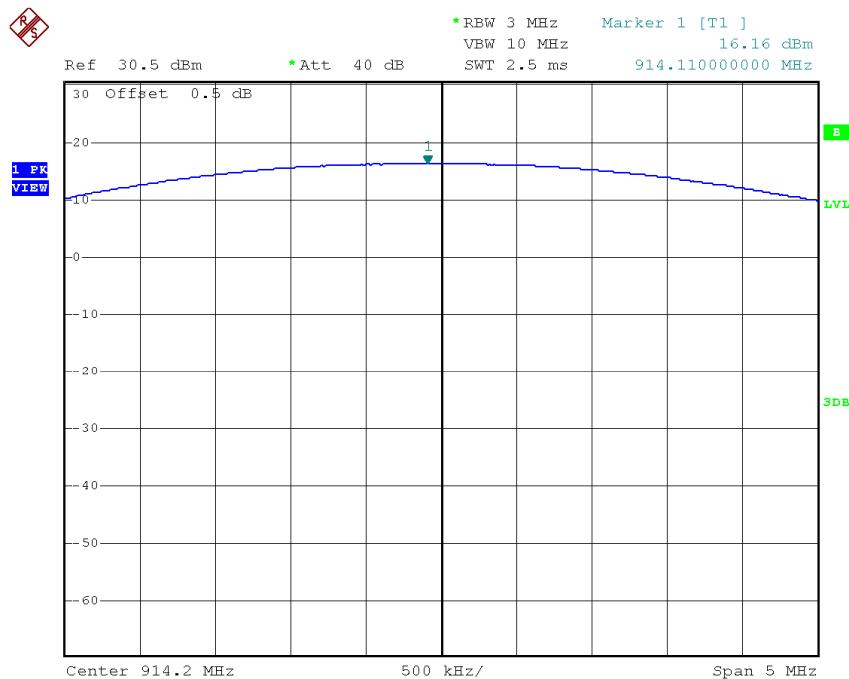
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**PLOTS OF MAXIMUM CONDUCTED OUTPUT POWER AT ANTENNA TERMINALS**

Highest Channel DTS mode (500kHz)



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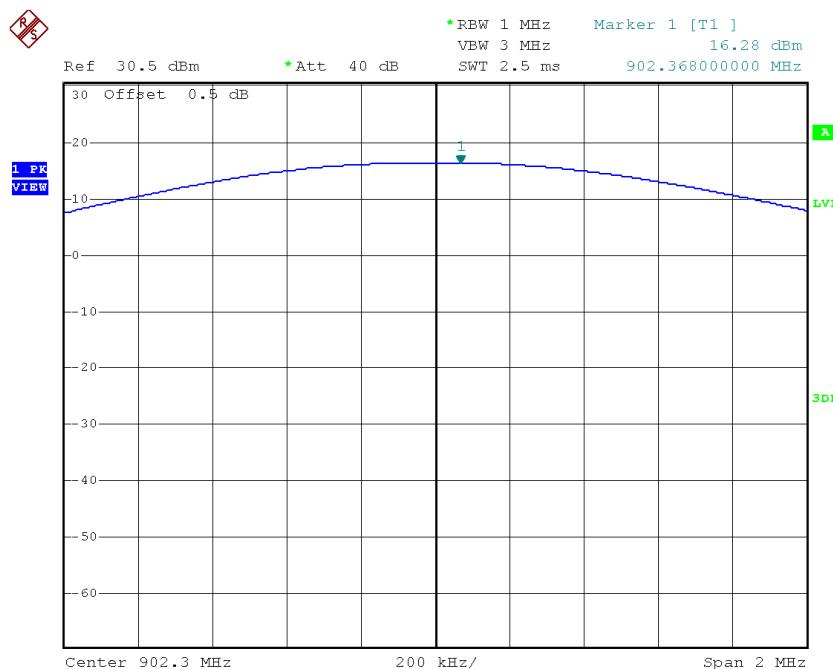
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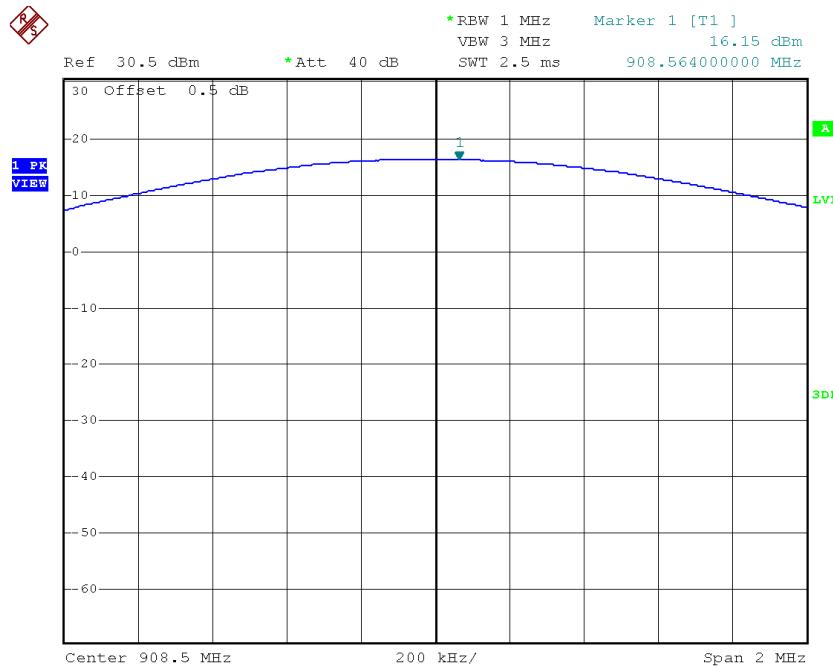


## PLOTS OF MAXIMUM CONDUCTED OUTPUT POWER AT ANTENNA TERMINALS

Lowest Channel Hybrid mode (125kHz)



Middle Channel Hybrid mode (125kHz)



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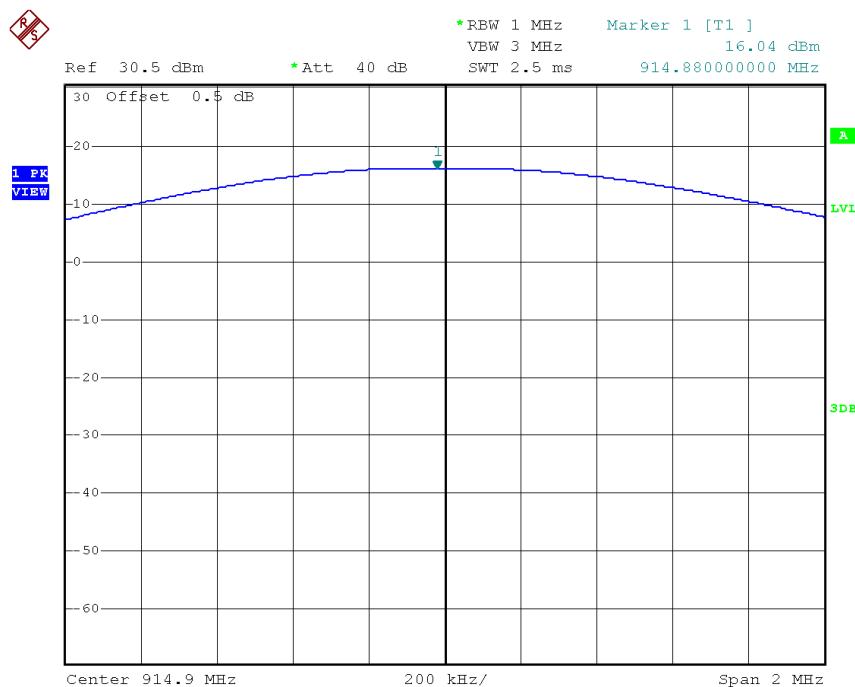
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**PLOTS OF MAXIMUM CONDUCTED OUTPUT POWER AT ANTENNA TERMINALS**

Highest Channel Hybrid mode (125kHz)



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### 4.2 Minimum 6dB RF Bandwidth and Occupied Bandwidth

The antenna port of the EUT was connected to the input of a spectrum analyzer. The EBW measurement procedure was used. A PEAK output reading was taken, a DISPLAY line was drawn 6dB lower than PEAK level. The 6dB bandwidth was determined from where the channel output spectrum intersected the display line.

For Industry Canada, the 99% occupied bandwidth was measured, and the procedure under the section 4.6.1 of RSS-GEN was used.

DTS mode (500kHz)

Frequency (MHz)	6dB Bandwidth (MHz)
Low Channel: 903.0	0.762
Middle Channel: 907.8	0.762
High Channel: 914.2	0.762

Limits: 6dB bandwidth shall be at least 500kHz.

Hybrid mode (125kHz)

Frequency (MHz)	6dB Bandwidth (MHz)
Low Channel: 902.3	0.264
Middle Channel: 908.5	0.264
High Channel: 914.9	0.264

Limits: N/A

The plots of 6dB RF bandwidth and occupied bandwidth are saved as below.

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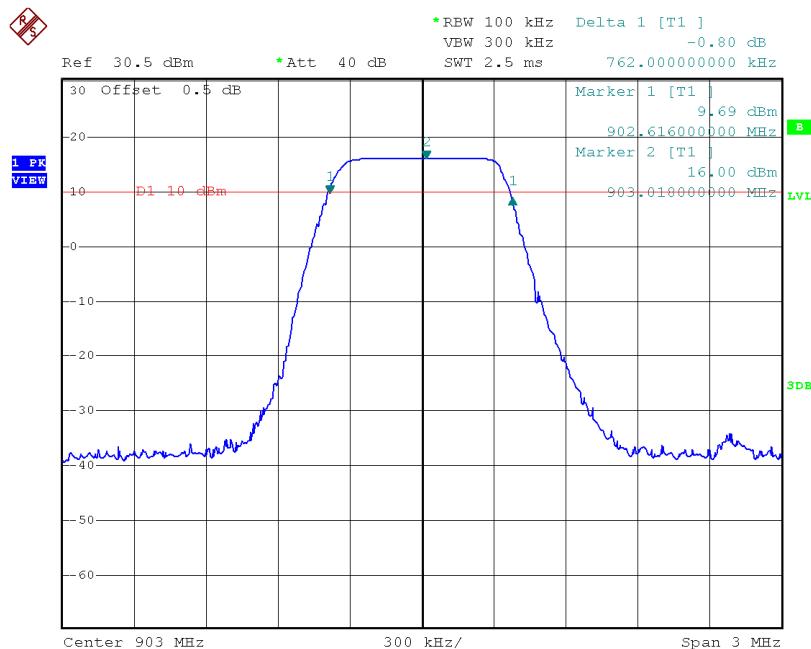
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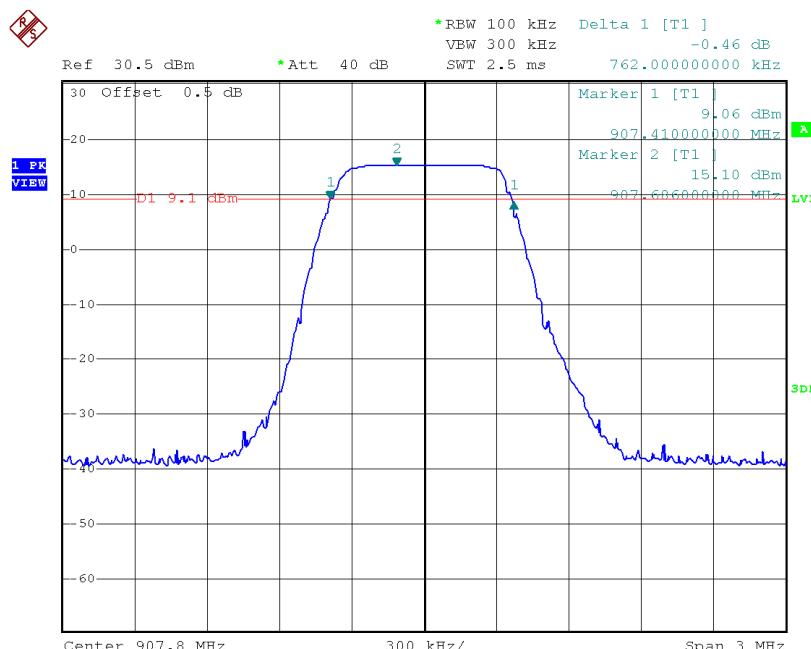


### PLOTS OF 6dB RF BANDWIDTH (500kHz) DTS mode

Lowest Channel



Middle Channel



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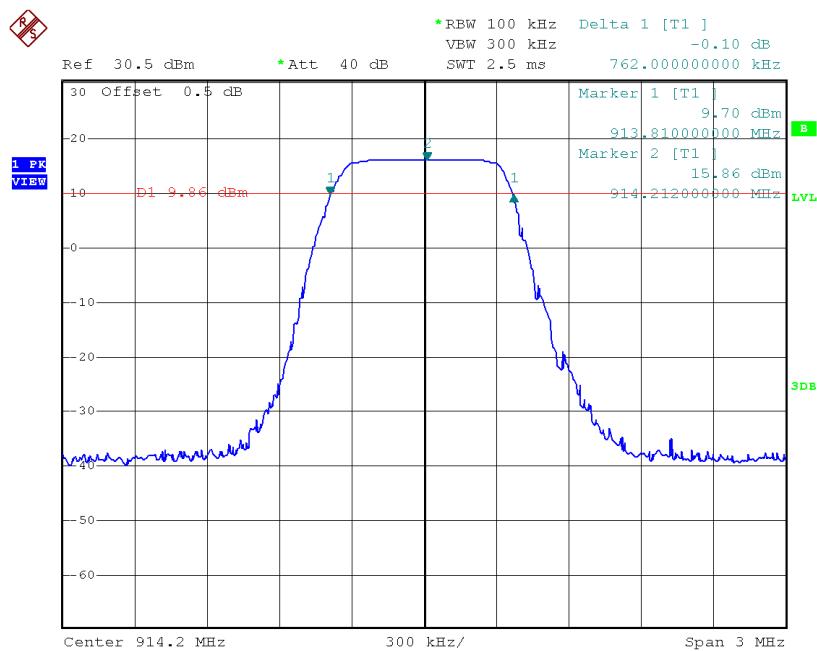
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**PLOTS OF 6dB RF BANDWIDTH (500kHz) DTS mode**

Highest Channel



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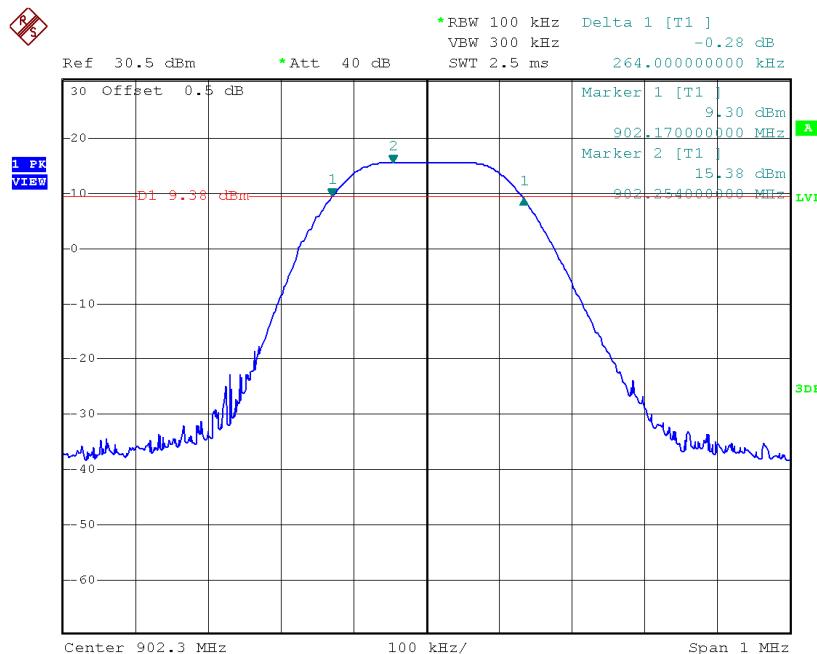
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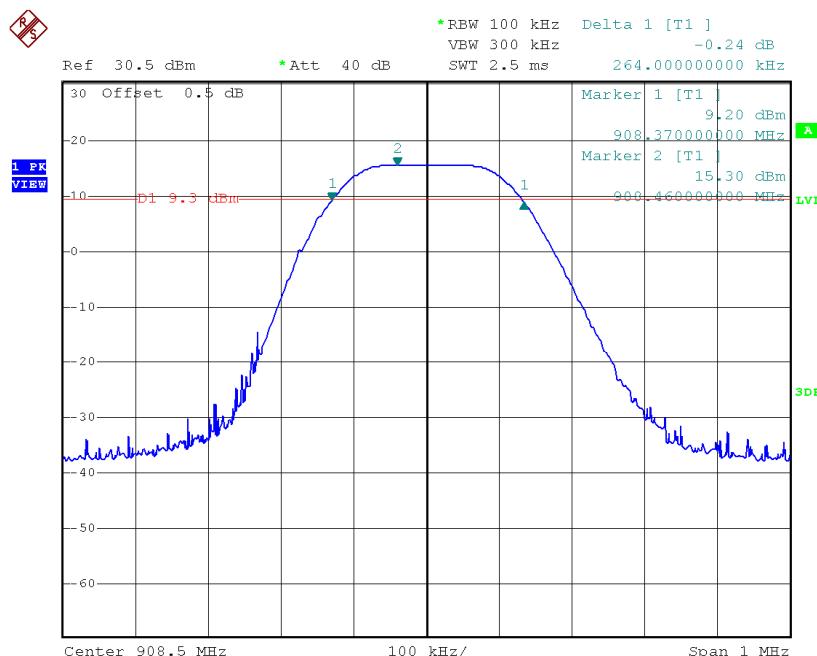


### PLOTS OF 6dB RF BANDWIDTH (125kHz) Hybrid mode

#### Lowest Channel



#### Middle Channel

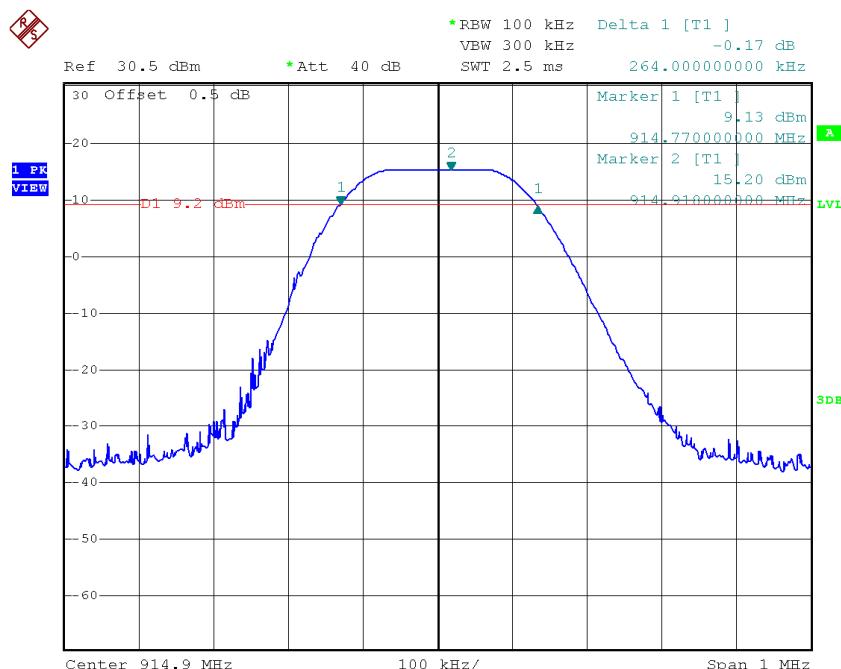


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**PLOTS OF 6dB RF BANDWIDTH (125kHz) Hybrid mode****Highest Channel**

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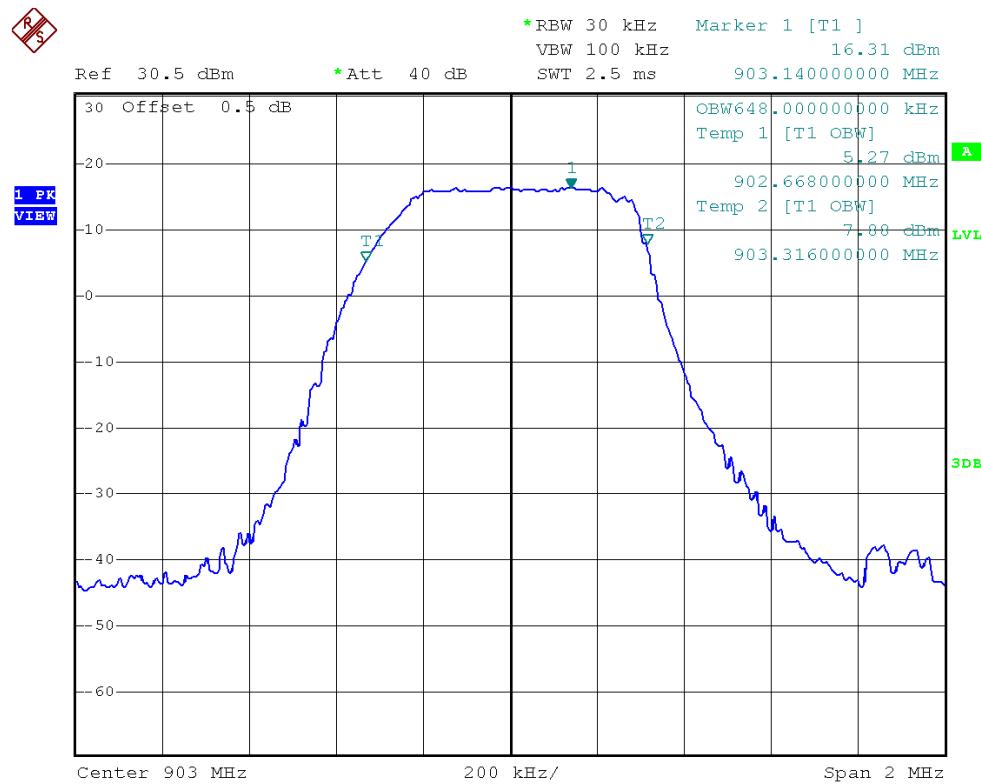
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Occupied Bandwidth Results: DTS mode (500kHz)

Occupied Bandwidth (MHz)		
Low Channel:	903.0	0.648
Middle Channel:	907.8	0.644
High Channel:	914.2	0.644

The worst case is shown as below:



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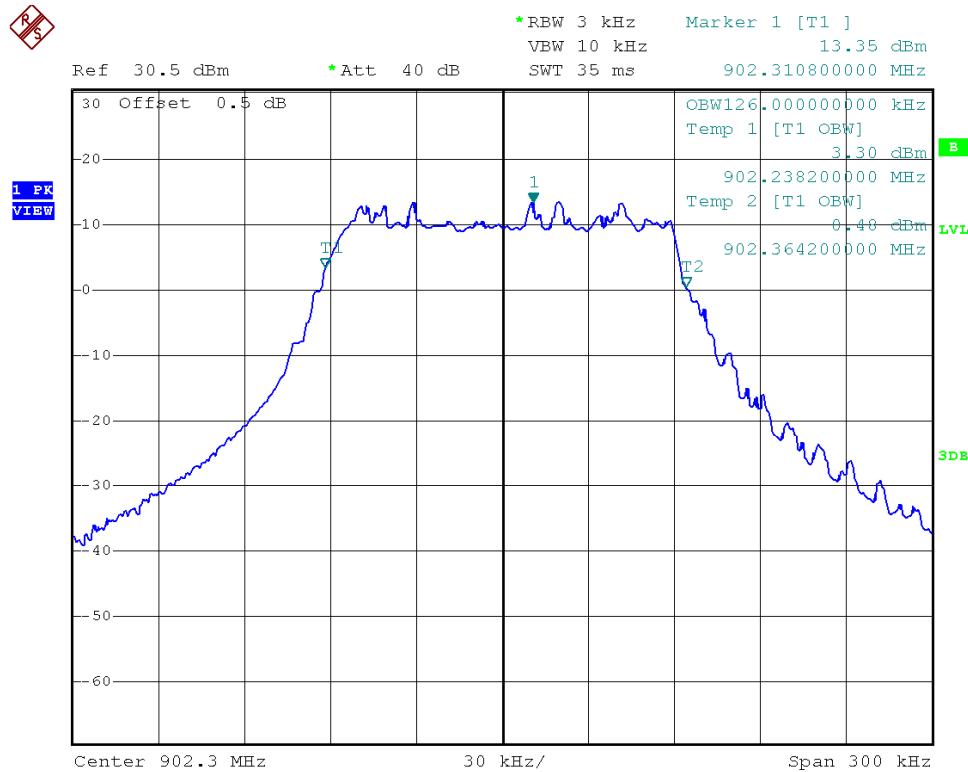
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Occupied Bandwidth Results: Hybrid mode (125kHz)

Occupied Bandwidth (MHz)		
Low Channel:	902.3	0.126
Middle Channel:	908.5	0.126
High Channel:	914.9	0.126

The worst case is shown as below:



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### 4.3 Minimum Power Spectral Density

Antenna output of the EUT was coupled directly to spectrum analyzer. The measurement procedure 10.2 PKPSD was used. If an external attenuator and/or cable was used, these losses are compensated for using the OFFSET function of the analyser.

DTS mode (500kHz)

Frequency (MHz)	PSD in 100kHz (dBm)	PSD in 3kHz (dBm)
Low Channel: 903.0	15.98	3.54
Middle Channel: 907.8	15.06	2.69
High Channel: 914.2	15.85	3.35

Hybrid mode (125kHz)

Frequency (MHz)	PSD in 100kHz (dBm)	PSD in 3kHz (dBm)
Low Channel: 902.3	15.32	7.94
Middle Channel: 908.5	15.24	7.80
High Channel: 914.9	15.20	7.45

Cable Loss: 0.5dB

Limit: 8dBm in 3kHz

The plots of power spectral density are as below.

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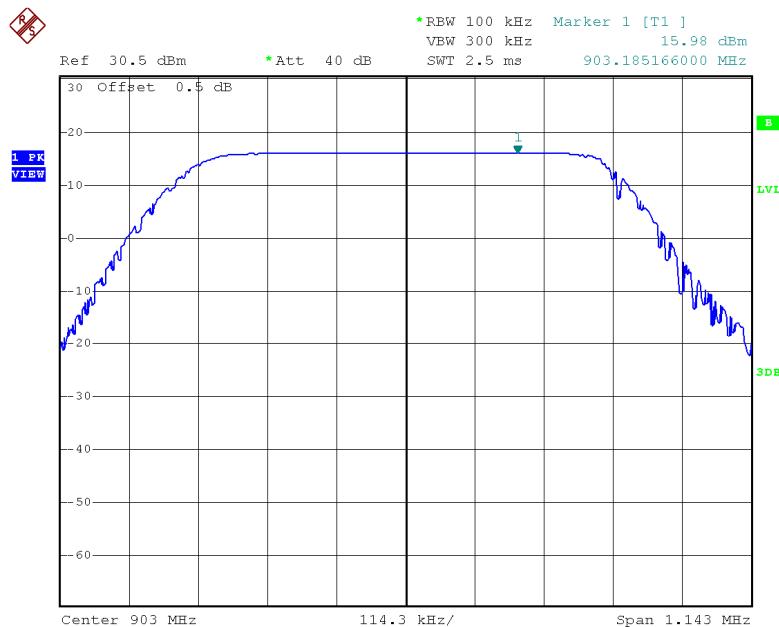
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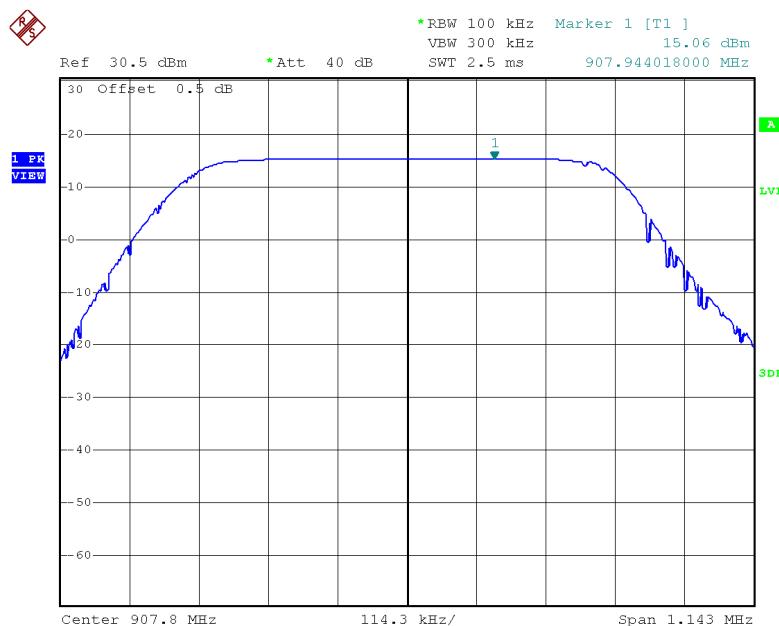


### PLOTS OF POWER SPECTRAL DENSITY – 100kHz RBW (500kHz – DTS mode)

Lowest Channel



Middle Channel

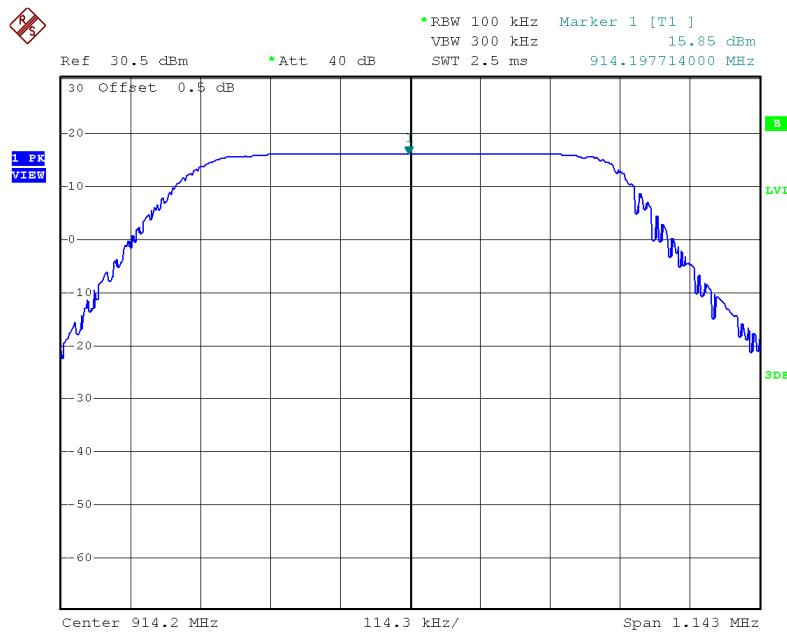


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**PLOTS OF POWER SPECTRAL DENSITY – 100kHz RBW (500kHz – DTS mode)****Highest Channel**

4B

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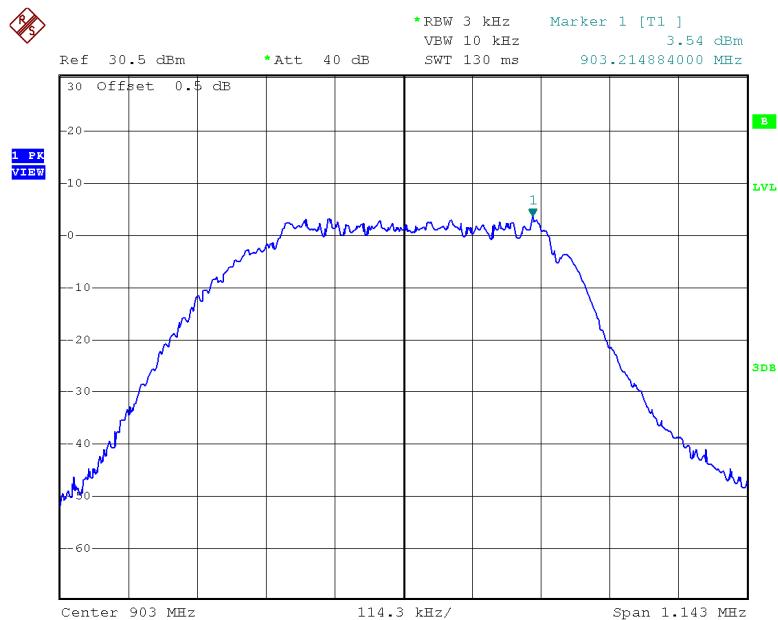
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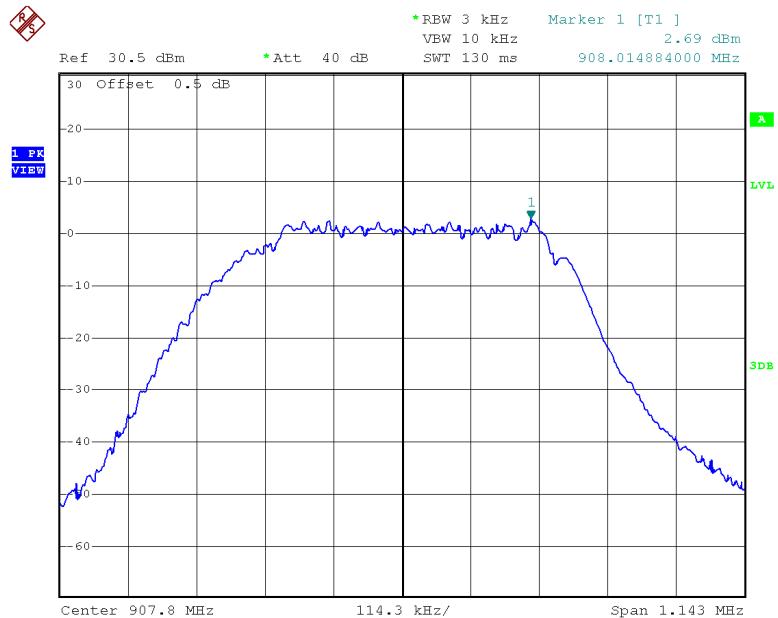


### PLOTS OF POWER SPECTRAL DENSITY – 3kHz RBW (500kHz – DTS mode)

Lowest Channel



Middle Channel



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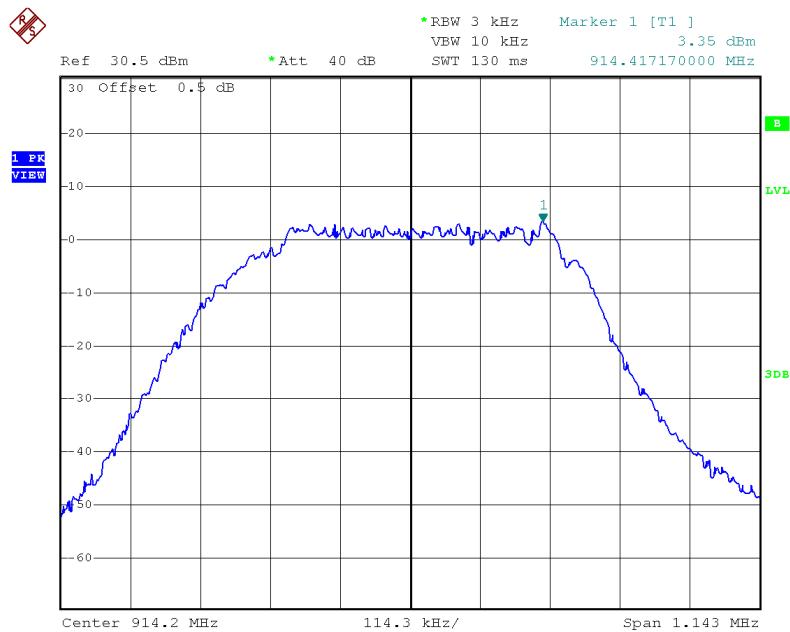
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**PLOTS OF POWER SPECTRAL DENSITY – 3kHz RBW (500kHz – DTS mode)**

Highest Channel



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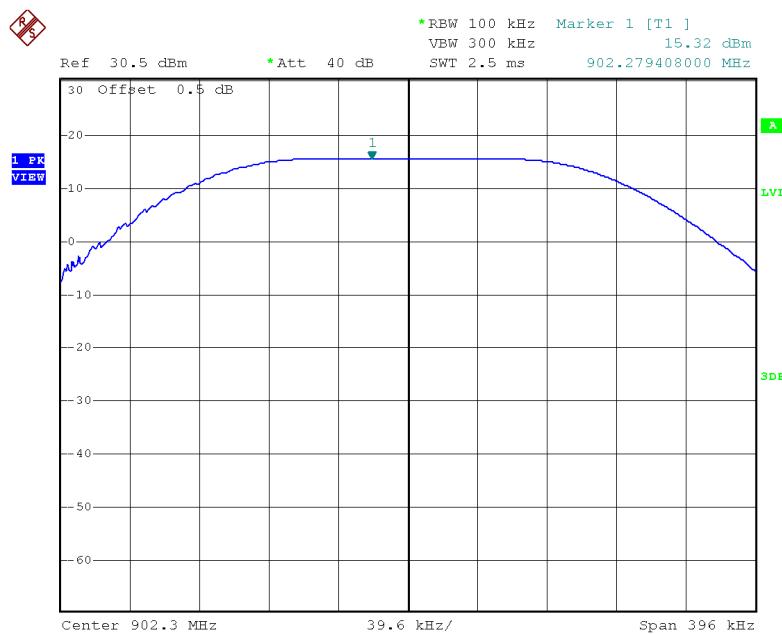
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HKAS has accredited this laboratory (Reg. No. HOKLAS 005) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

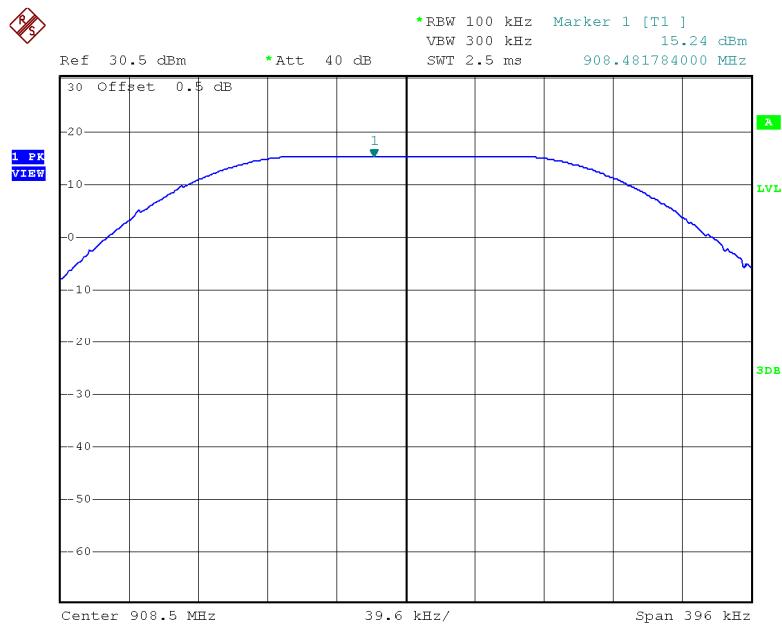


### PLOTS OF POWER SPECTRAL DENSITY – 100kHz RBW (125kHz – Hybrid mode)

Lowest Channel



Middle Channel

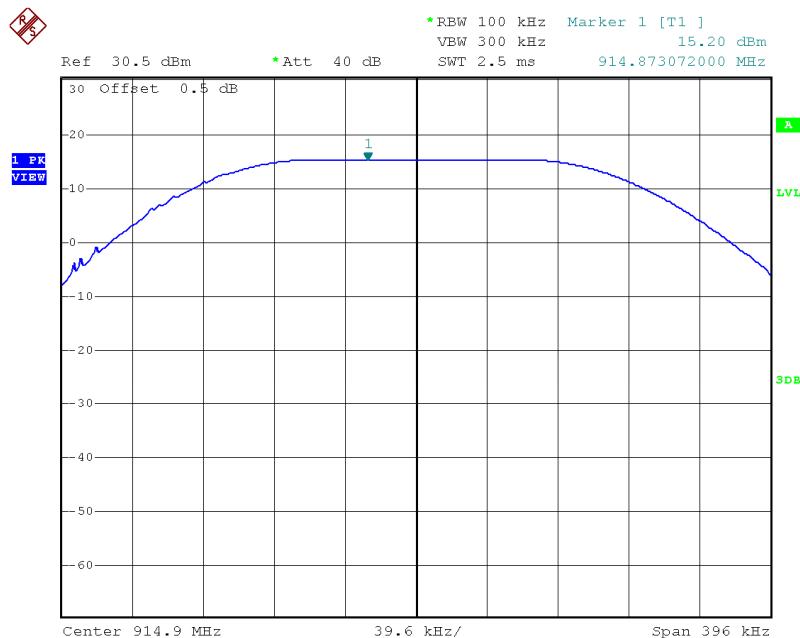


**TEST REPORT**

Issuing Laboratory:

**Intertek Testing Services Hong Kong Limited**

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**PLOTS OF POWER SPECTRAL DENSITY – 100kHz RBW (125kHz – Hybrid mode)****Highest Channel**

## TEST REPORT

Issuing Laboratory:

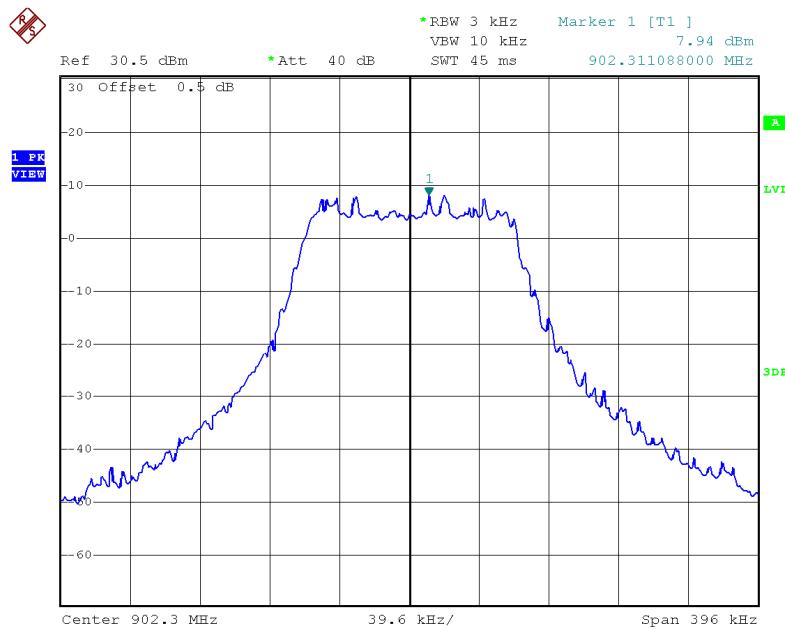
Intertek Testing Services Hong Kong Limited

HKAS has accredited this laboratory (Reg. No. HOKLAS 005) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

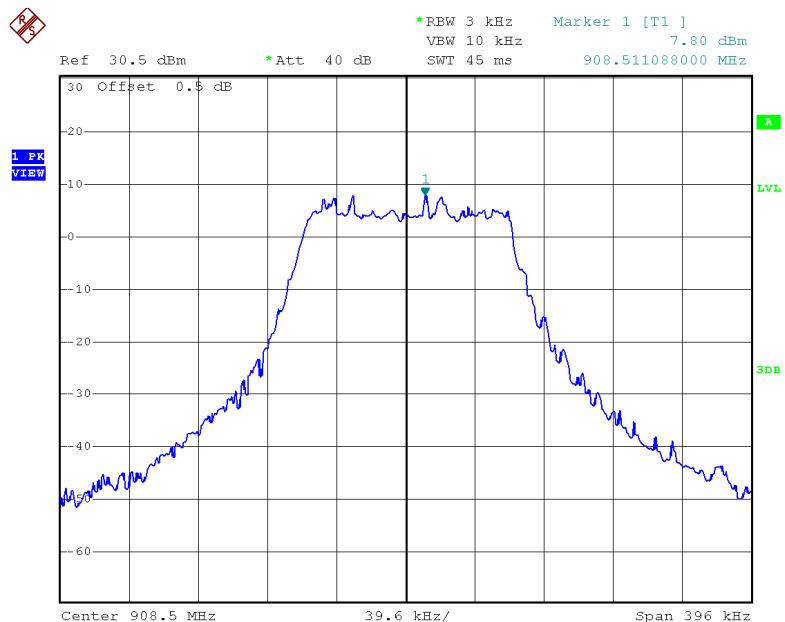


### PLOTS OF POWER SPECTRAL DENSITY – 3kHz RBW (125kHz – Hybrid mode)

Lowest Channel



Middle Channel



**TEST REPORT**

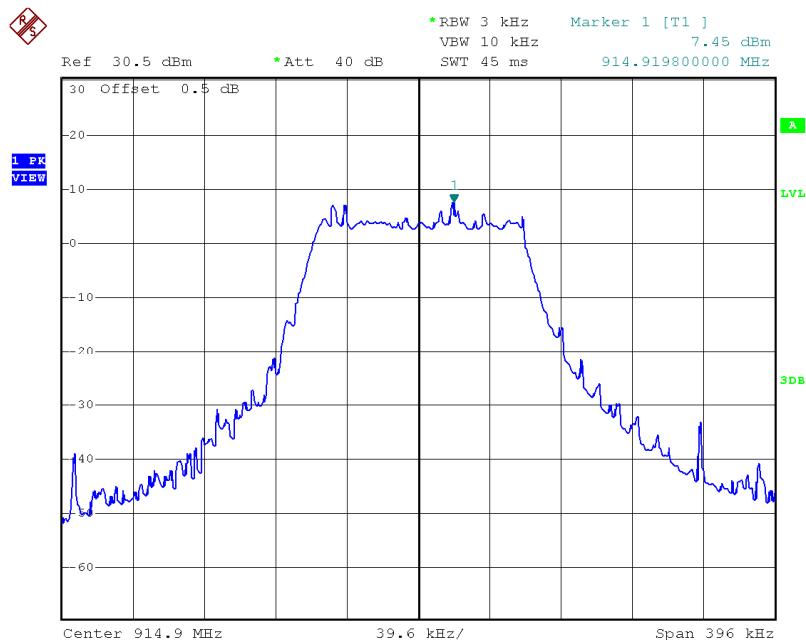
Issuing Laboratory:

**Intertek Testing Services Hong Kong Limited**

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**PLOTS OF POWER SPECTRAL DENSITY – 3kHz RBW (125kHz – Hybrid mode)**

Highest Channel



## TEST REPORT

Issuing Laboratory:

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### 4.4 Hopping Channel 20dB RF Bandwidth

The antenna port of the EUT was connected to the input of a spectrum analyzer. Analyzer RES BW was chosen so that the display was a result of the hopping channel modulation. For each RF output channel investigated, the spectrum analyzer center frequency was set to the channel carrier. A PEAK output reading was taken, a DISPLAY line was drawn 20dB lower than PEAK level. The 20dB bandwidth was determined from where the channel output spectrum intersected the display line.

(125kHz – Hybrid mode)

Frequency (MHz)	20dB Bandwidth (kHz)
Low Channel: 902.3	144
Middle Channel: 908.5	144
High Channel: 914.9	144

Limits: ≤500kHz for 902-928MHz

The plots of hopping channel 20dB RF bandwidth are saved as below.

## TEST REPORT

Issuing Laboratory:

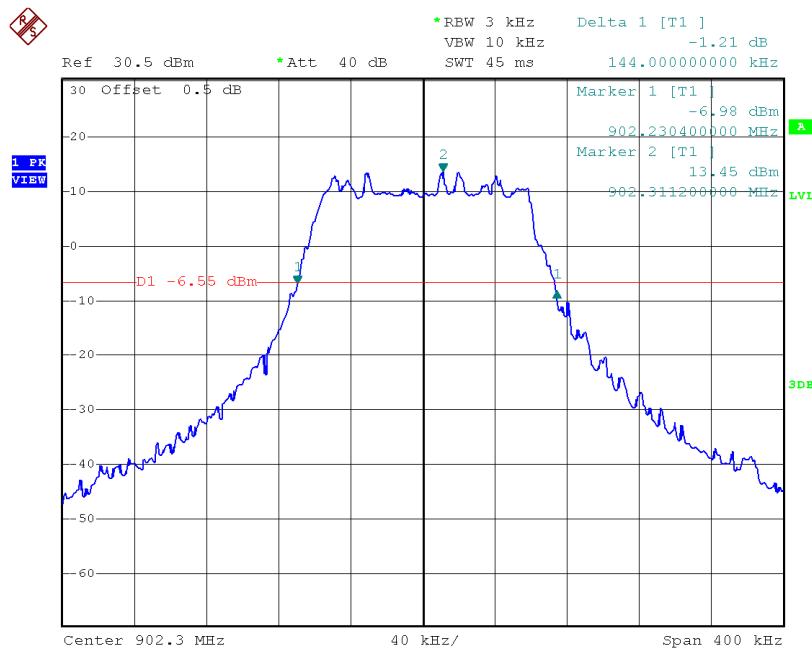
Intertek Testing Services Hong Kong Limited

HKAS has accredited this laboratory (Reg. No. HOKLAS 005) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

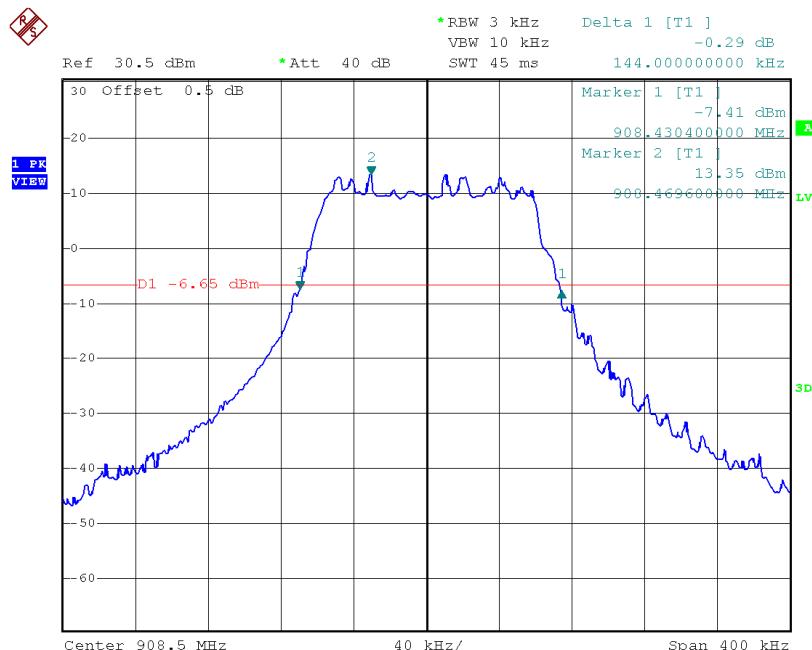


### PLOTS OF HOPPING CHANNEL 20dB RF BANDWIDTH (125kHz – Hybrid mode)

Lowest Channel



Middle Channel



## TEST REPORT

Issuing Laboratory:

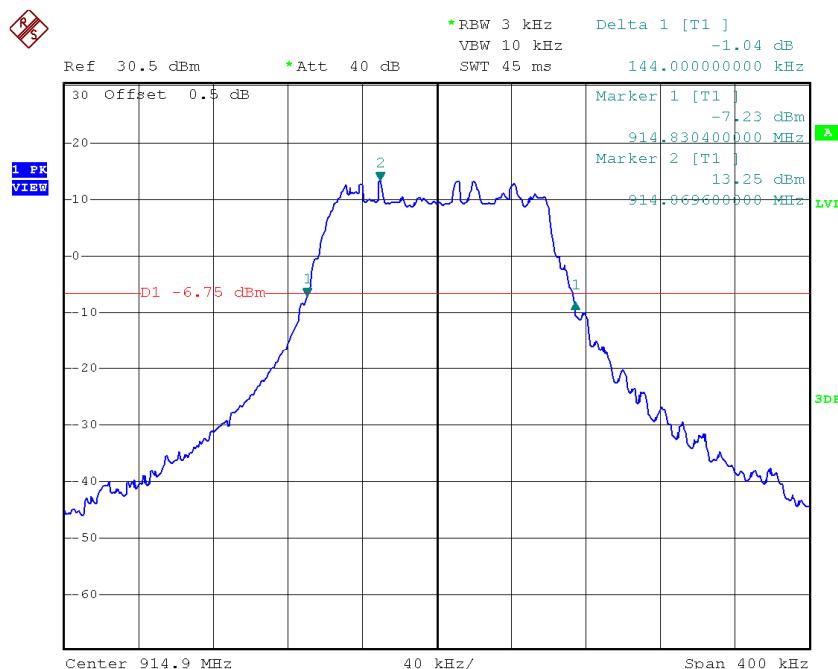
Intertek Testing Services Hong Kong Limited

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### PLOTS OF HOPPING CHANNEL 20dB RF BANDWIDTH (125kHz – Hybrid mode)

Highest Channel



**TEST REPORT**

Issuing Laboratory:

**Intertek Testing Services Hong Kong Limited**

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#### 4.5 Minimum Number of Hopping Frequencies

With the analyzer set to MAX HOLD readings were taken for 2-3 minutes in each band. The channel peaks so recorded were added together, and the total number compared to the minimum number of channels required in the regulation.

No. of Hopping Channels: 64

Limits:

At least 50 hopping channels for 902MHz-928MHz (20dB bandwidth of hopping channel < 250kHz)

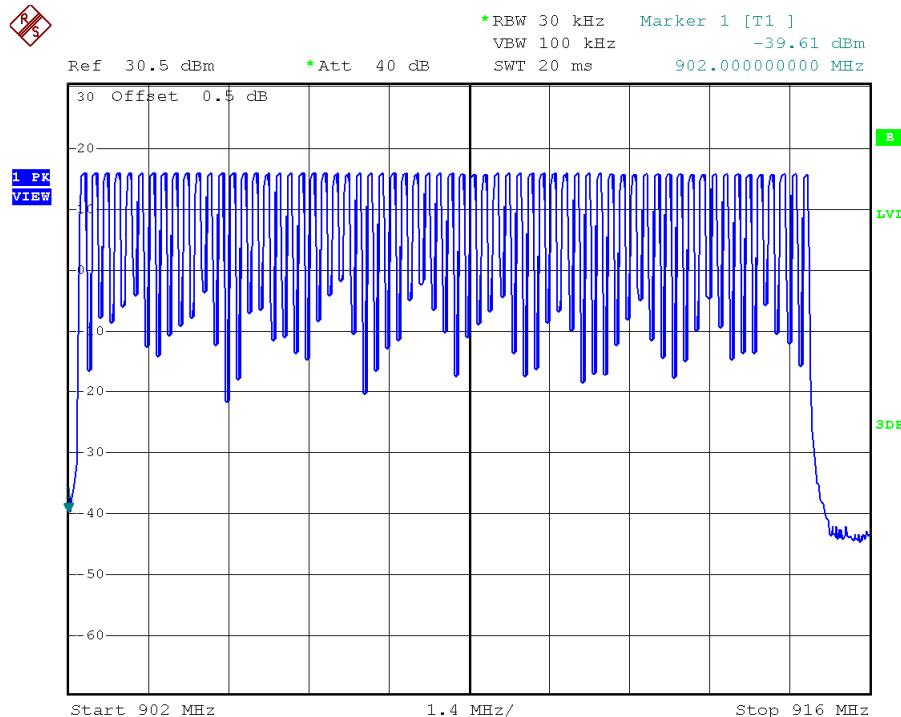
The plots of number of hopping frequencies are saved as below.

**TEST REPORT**

Issuing Laboratory:

**Intertek Testing Services Hong Kong Limited**

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**PLOTS OF MINIMUM NUMBER OF HOPPING FREQUENCIES (125kHz – Hybrid mode)**

## TEST REPORT

Issuing Laboratory:

**Intertek Testing Services Hong Kong Limited**

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### 4.6 Minimum Hopping Channel Carrier Frequency Separation

Using the DELTA MARKER function of the analyzer, the frequency separation between two adjacent channels was measured and met the requirement.

**Peak Antenna Gain = 6.4 dBi**

<b>The two adjacent channels being measured</b>	<b>Channel Separation (kHz)</b>
Channel Separation (Channel 1 and Channel 2)	200

Limits:

The channel separation must be larger than:

20dB bandwidth of hopping channel: 144kHz

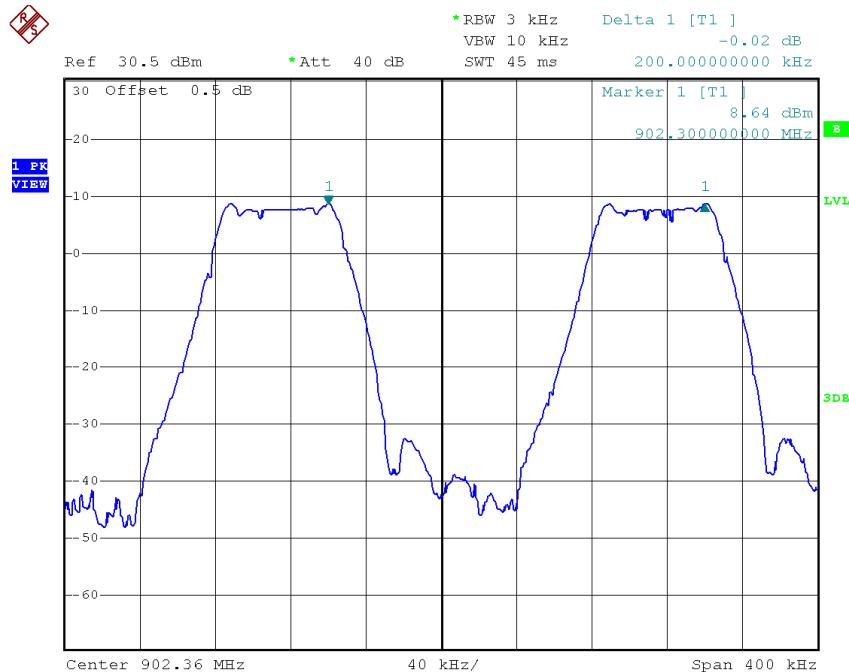
The plot(s) of hopping channel carrier frequency separation is saved as below.

**TEST REPORT**

Issuing Laboratory:

**Intertek Testing Services Hong Kong Limited**

HKAS has accredited this laboratory (Reg. No. HOKLAS 005) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

**PLOTS OF MINIMUM HOPPING CHANNEL CARRIER FREQUENCY SEPARATION**

## TEST REPORT

Issuing Laboratory:

**Intertek Testing Services Hong Kong Limited**

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### 4.7 Average Channel Occupancy Time

The spectrum analyzer center frequency was set to one of the known hopping channels. The SWEEP was set to 1ms, the SPAN was set to ZERO SPAN, and the TRIGGER was set to VIDEO. The time duration of the transmission so captured was measured with the MARKER DELTA function.

The SWEEP was then set to the time required by the regulation (20 seconds for 902-928 MHz devices, if the 20dB bandwidth is less than 250kHz, 10 seconds for 902-928 MHz if the 20dB bandwidth is or greater than 250kHz, “0.4 seconds x Number of hopping channels employed” seconds for 2400-2483.5 MHz, 30 seconds for 5725-5850 MHz). The analyzer was set to SINGLE SWEEP, the total ON time was added and compared against the limit (0.4 seconds).

Transmitter	
Average Occupancy Time (Traffic – in a clear RF environment) =	580 $\mu$ s x 200 = 116ms

Limits:

Average 0.4 seconds maximum occupancy in:  
25.6 seconds for Hybrid mode (64 channels X 0.4 seconds)

The plots of average channel occupancy time are saved as below.

## TEST REPORT

Issuing Laboratory:

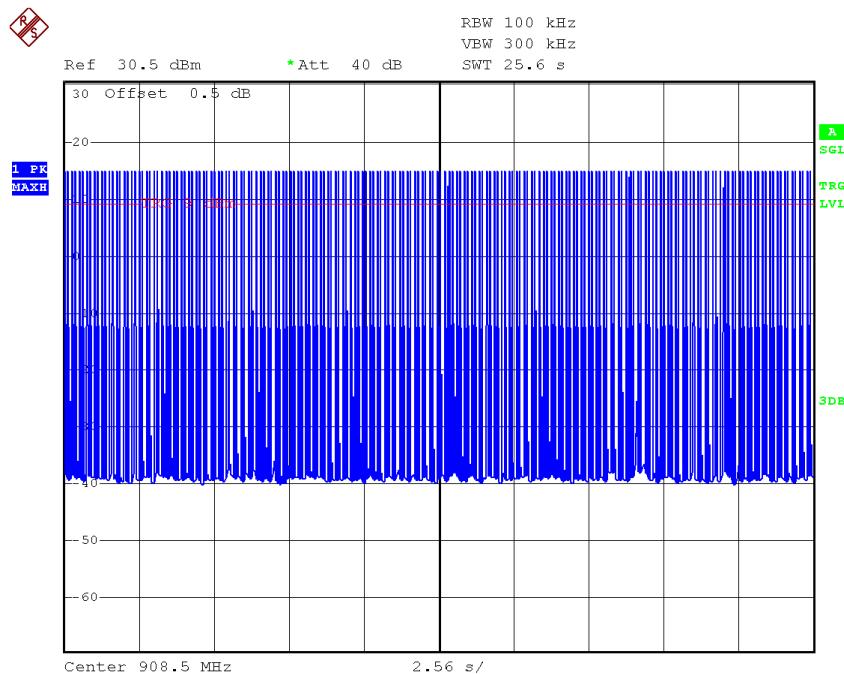
Intertek Testing Services Hong Kong Limited

HKAS has accredited this laboratory (Reg. No. HOKLAS 005) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

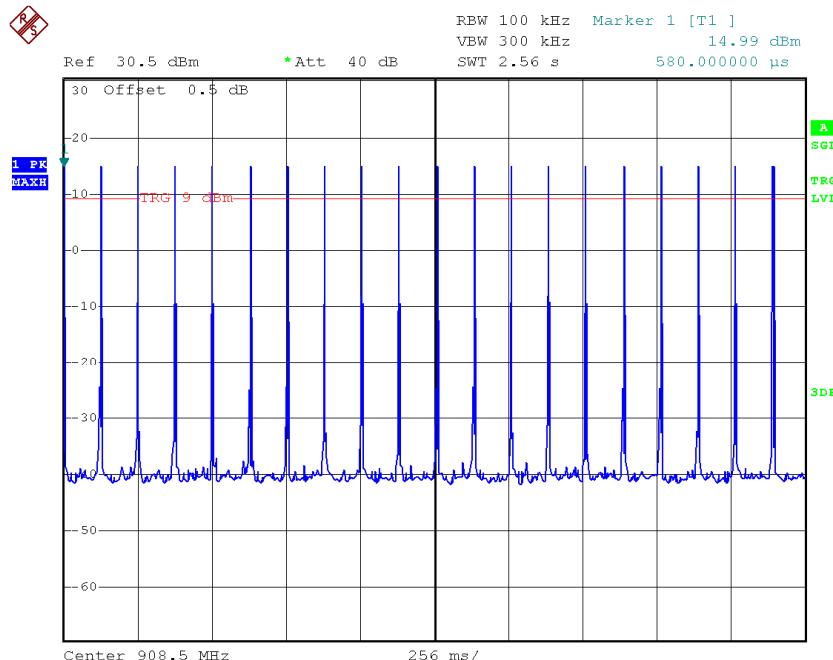


## PLOTS OF AVERAGE CHANNEL OCCUPANCY TIME (125kHz – Hybrid mode)

Plot A



Plot B

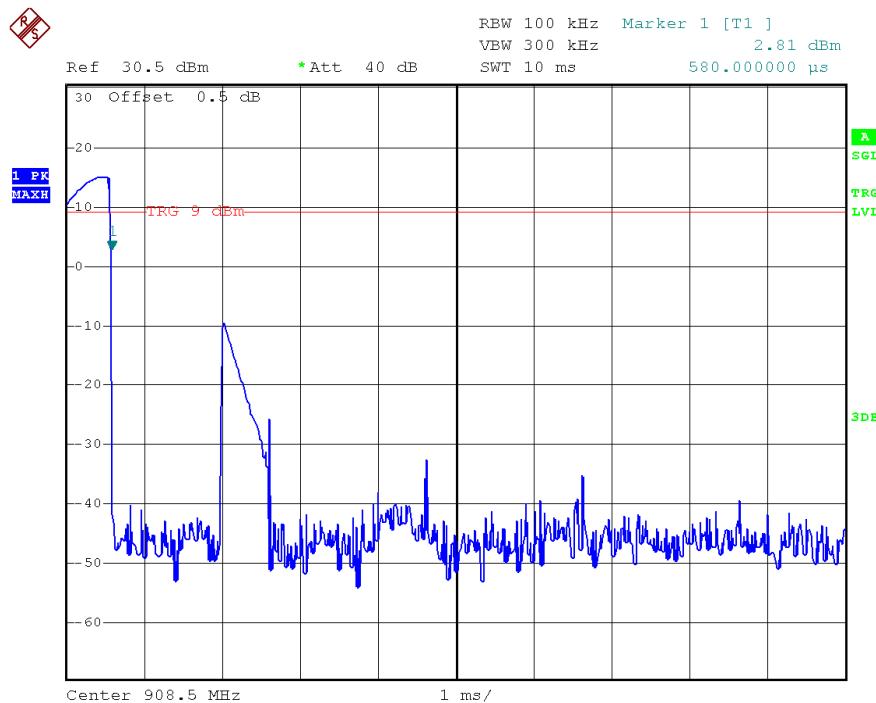


**TEST REPORT**

Issuing Laboratory:

**Intertek Testing Services Hong Kong Limited**

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**PLOTS OF AVERAGE CHANNEL OCCUPANCY TIME (125kHz – Hybrid mode)****Plot C**

## TEST REPORT

Issuing Laboratory:

**Intertek Testing Services Hong Kong Limited**

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### 4.8 Out of Band Conducted Emissions

In any 100 kHz bandwidth outside the EUT passband, the RF power produced by the modulation products of the spreading sequence, the information sequence, and the carrier frequency shall be at least 20 dB below that of the maximum in-band 100 kHz emission.

The measurement procedures under sections 5.4.1.1 and 5.4.1.2 of KDB558074 were used.

Limits:

All spurious emission and up to the tenth harmonic was measured and they were found to be at least 20 dB below the maximum measured in-band peak PSD level.

The plots of out of band conducted emissions and bandedge are as below.

## TEST REPORT

Issuing Laboratory:

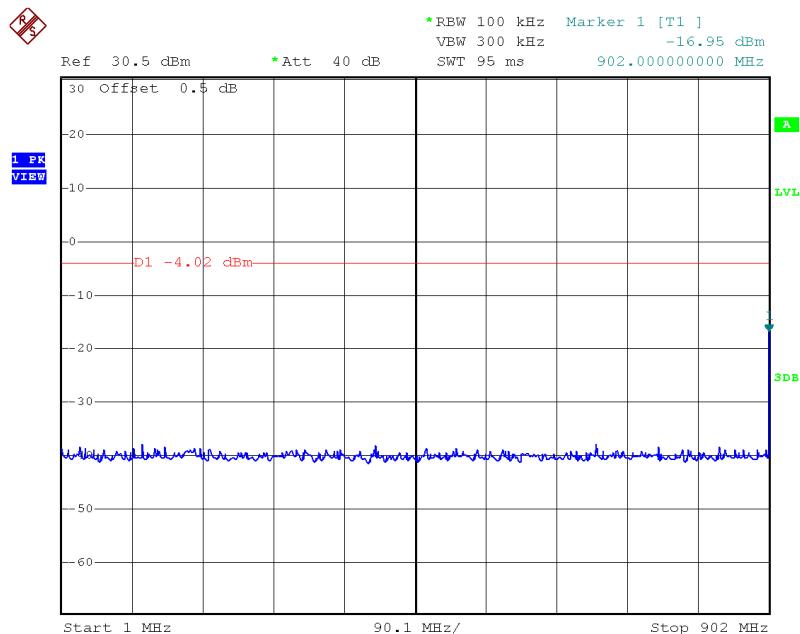
Intertek Testing Services Hong Kong Limited

HKAS has accredited this laboratory (Reg. No. HOKLAS 005) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

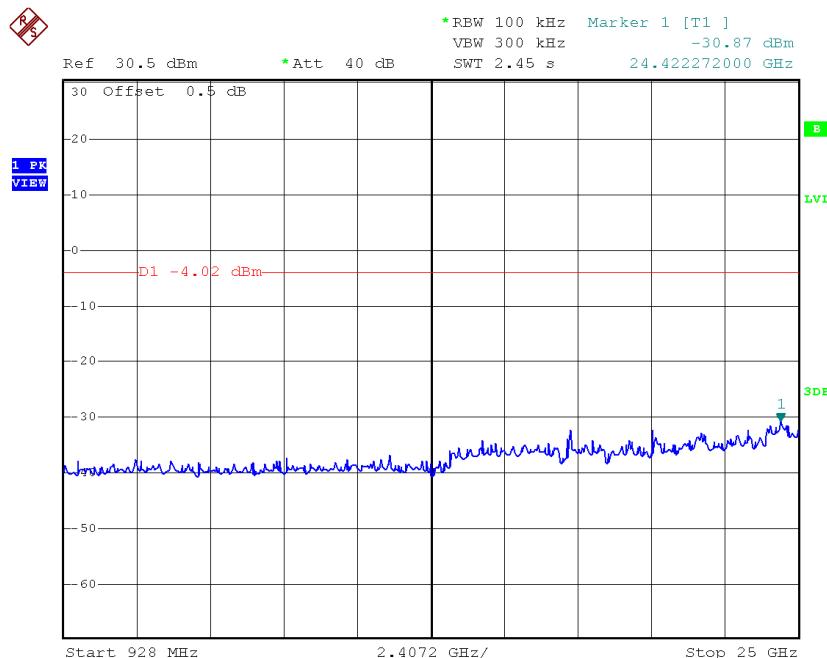


### PLOTS OF OUT OF BAND CONDUCTED EMISSIONS (500kHz – DTS mode)

Lowest Channel, Plot A



Lowest Channel, Plot B



## TEST REPORT

Issuing Laboratory:

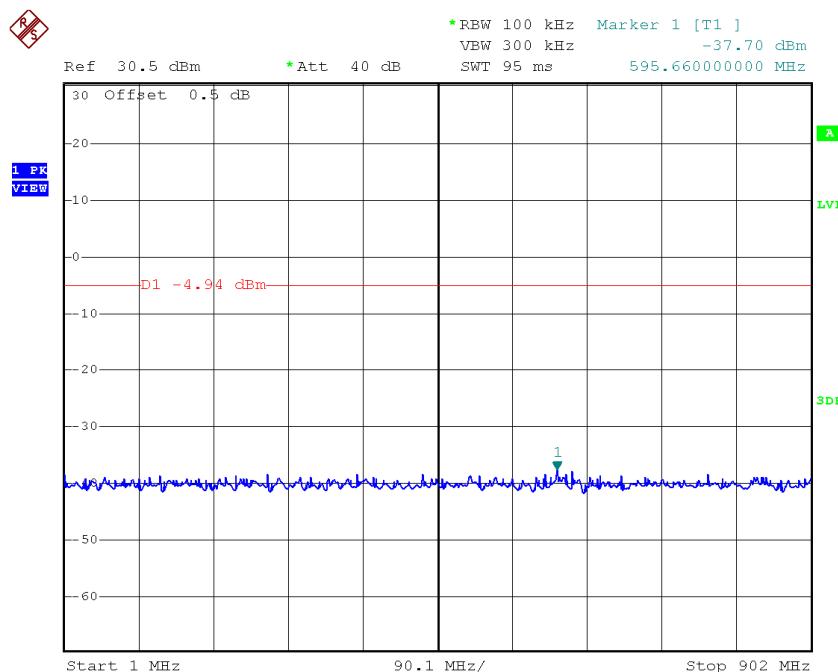
Intertek Testing Services Hong Kong Limited

HKAS has accredited this laboratory (Reg. No. HOKLAS 005) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

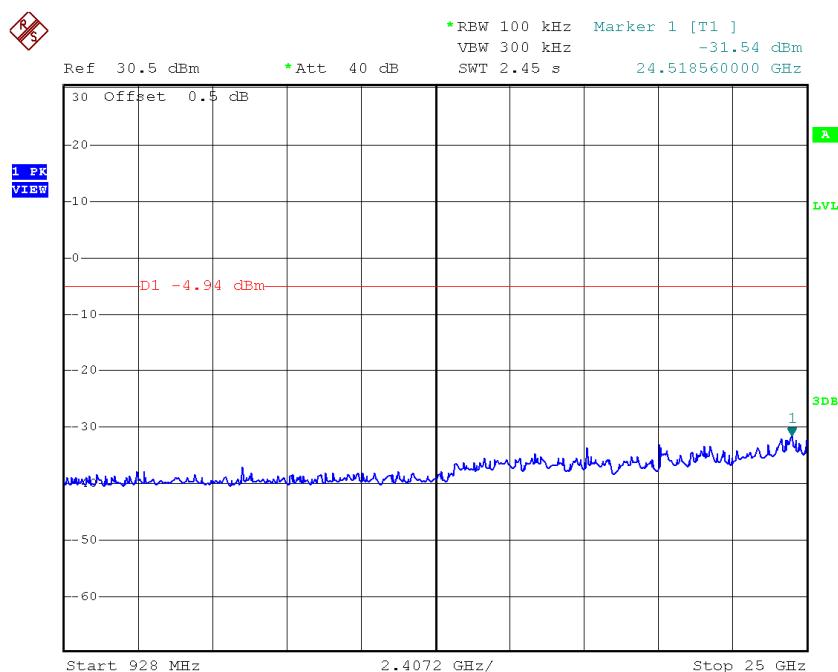


### PLOTS OF OUT OF BAND CONDUCTED EMISSIONS (500kHz – DTS mode)

Middle Channel, Plot A



Middle Channel, Plot B



## TEST REPORT

Issuing Laboratory:

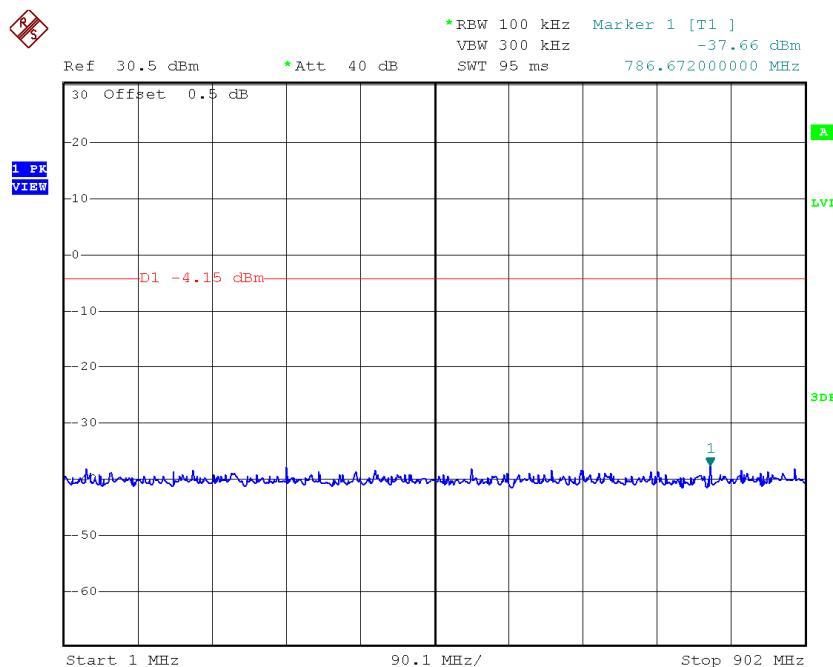
Intertek Testing Services Hong Kong Limited

HKAS has accredited this laboratory (Reg. No. HOKLAS 005) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

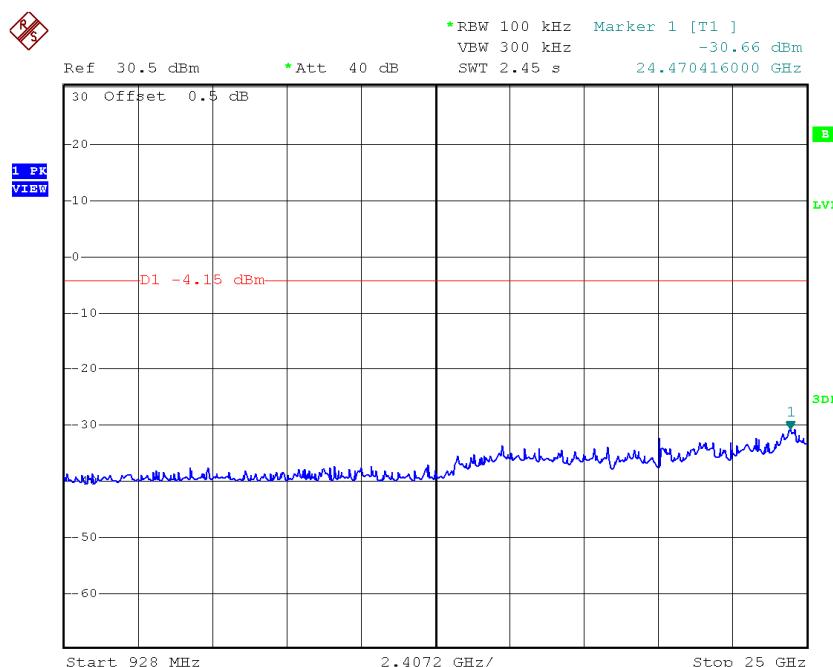


### PLOTS OF OUT OF BAND CONDUCTED EMISSIONS (500kHz – DTS mode)

Highest Channel, Plot A



Highest Channel, Plot B



## TEST REPORT

Issuing Laboratory:

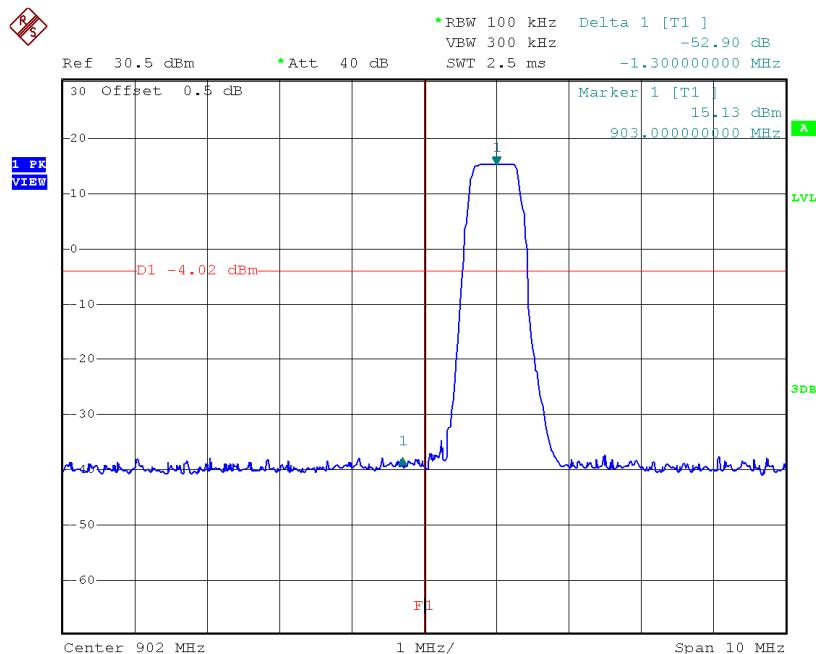
Intertek Testing Services Hong Kong Limited

HKAS has accredited this laboratory (Reg. No. HOKLAS 005) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

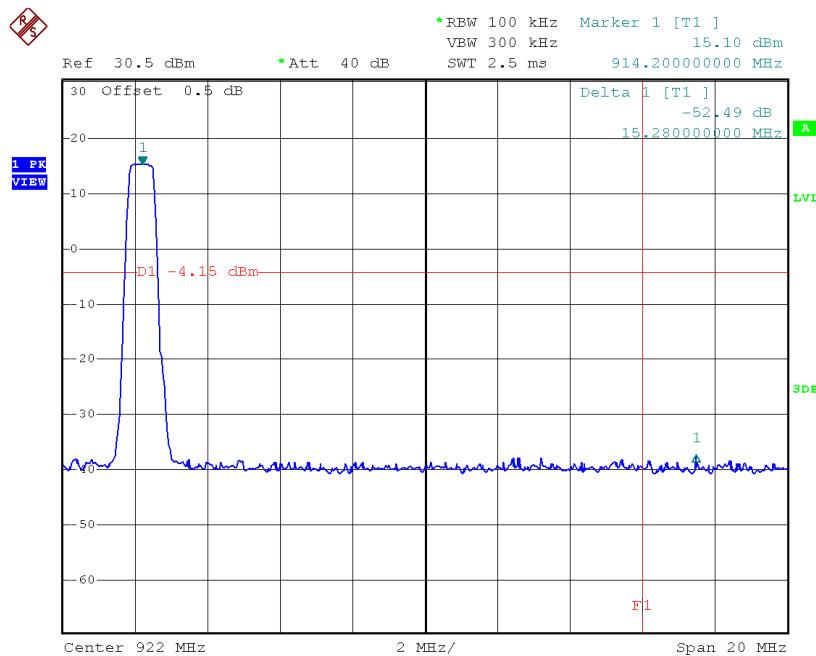


### PLOTS OF BANDEDGE (500kHz – DTS mode)

Lowest Channel, Bandedge



Highest Channel, Bandedge



## TEST REPORT

Issuing Laboratory:

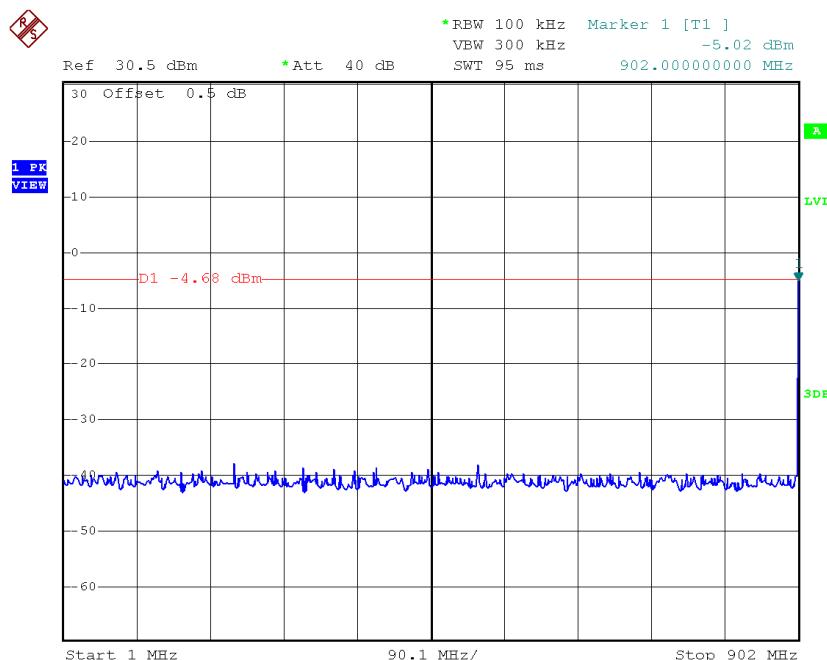
Intertek Testing Services Hong Kong Limited

HKAS has accredited this laboratory (Reg. No. HOKLAS 005) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

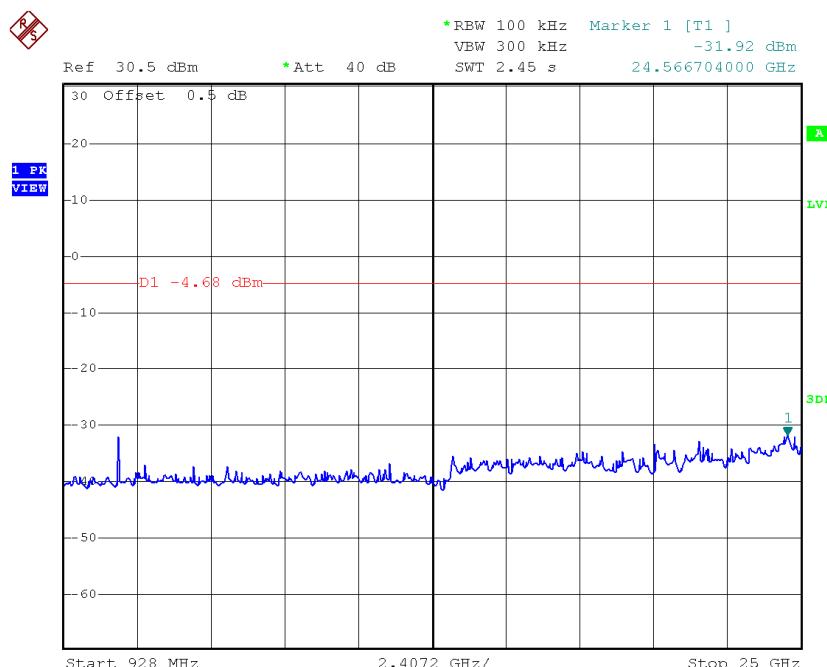


### PLOTS OF OUT OF BAND CONDUCTED EMISSIONS (125kHz – Hybrid mode)

Lowest Channel, Plot A



Lowest Channel, Plot B



## TEST REPORT

Issuing Laboratory:

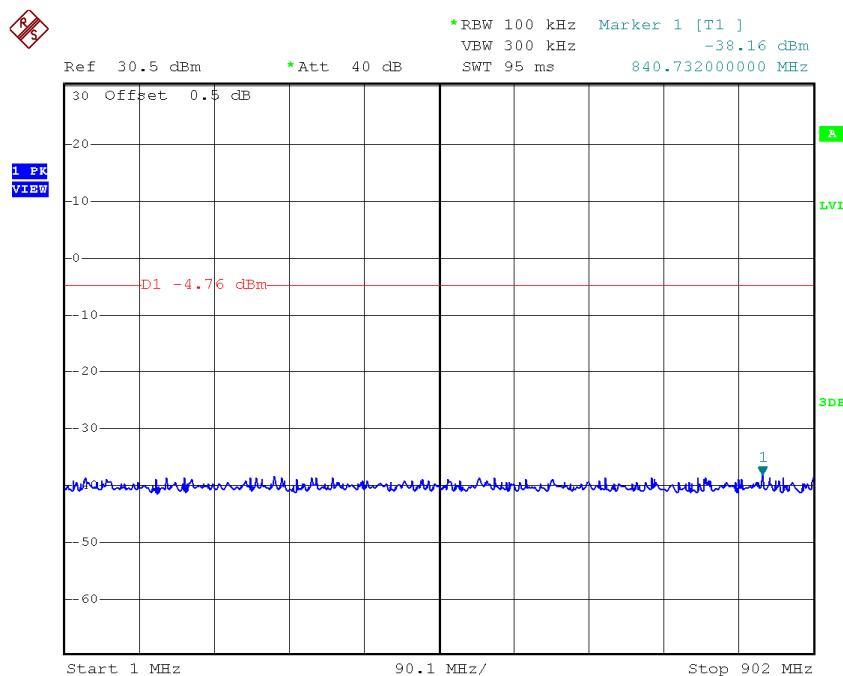
Intertek Testing Services Hong Kong Limited

HKAS has accredited this laboratory (Reg. No. HOKLAS 005) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

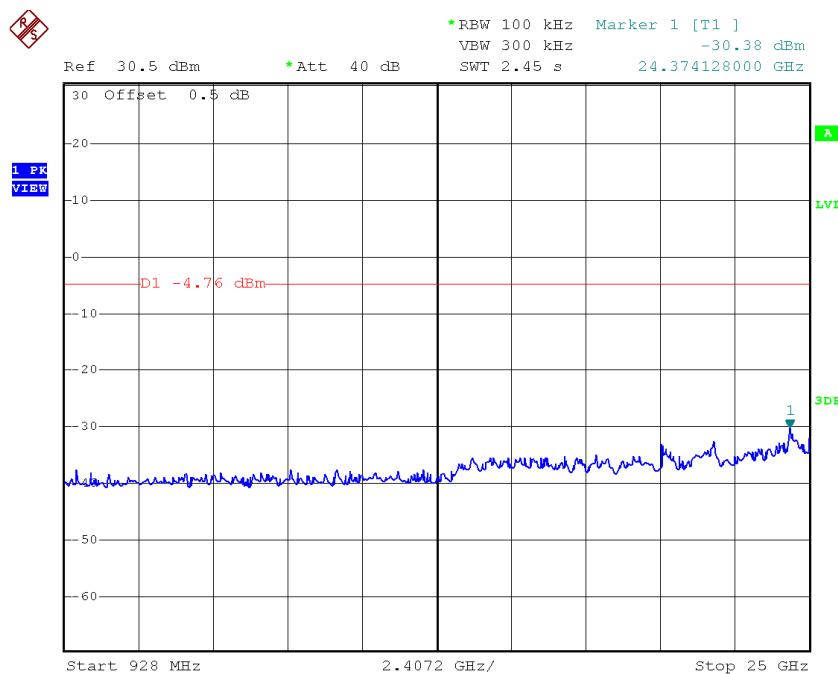


### PLOTS OF OUT OF BAND CONDUCTED EMISSIONS (125kHz – Hybrid mode)

Middle Channel, Plot A



Middle Channel, Plot B



## TEST REPORT

Issuing Laboratory:

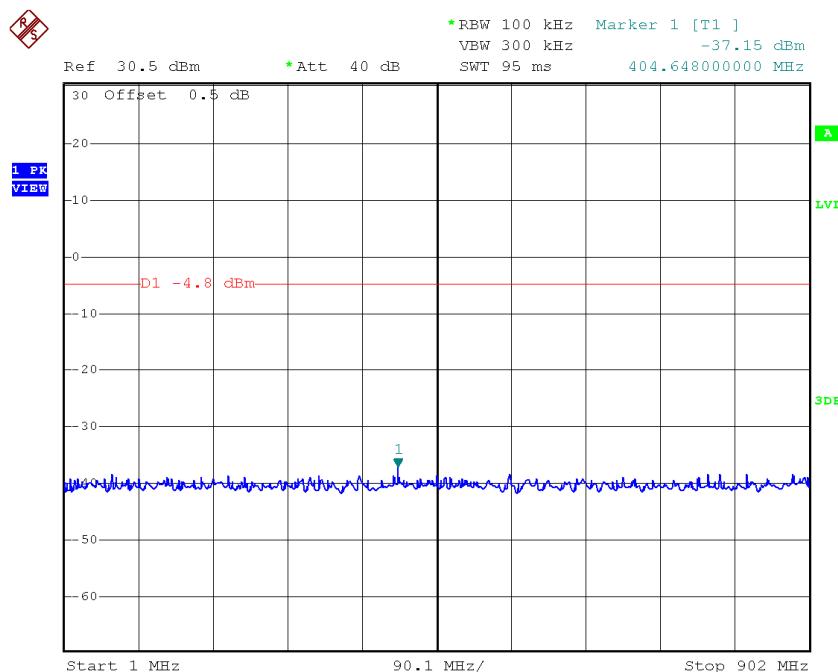
Intertek Testing Services Hong Kong Limited

HKAS has accredited this laboratory (Reg. No. HOKLAS 005) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

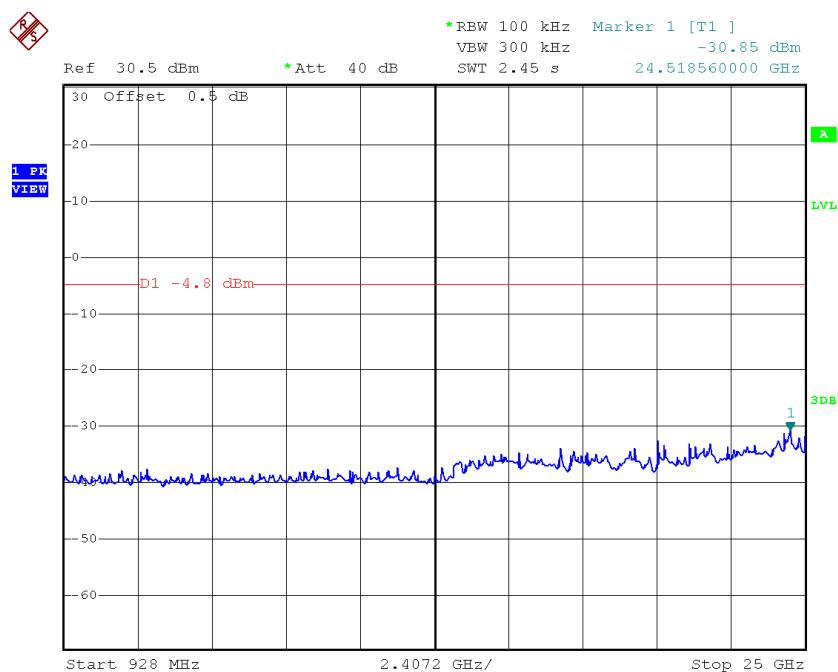


## PLOTS OF OUT OF BAND CONDUCTED EMISSIONS (125kHz – Hybrid mode)

Highest Channel, Plot A



Highest Channel, Plot B



## TEST REPORT

Issuing Laboratory:

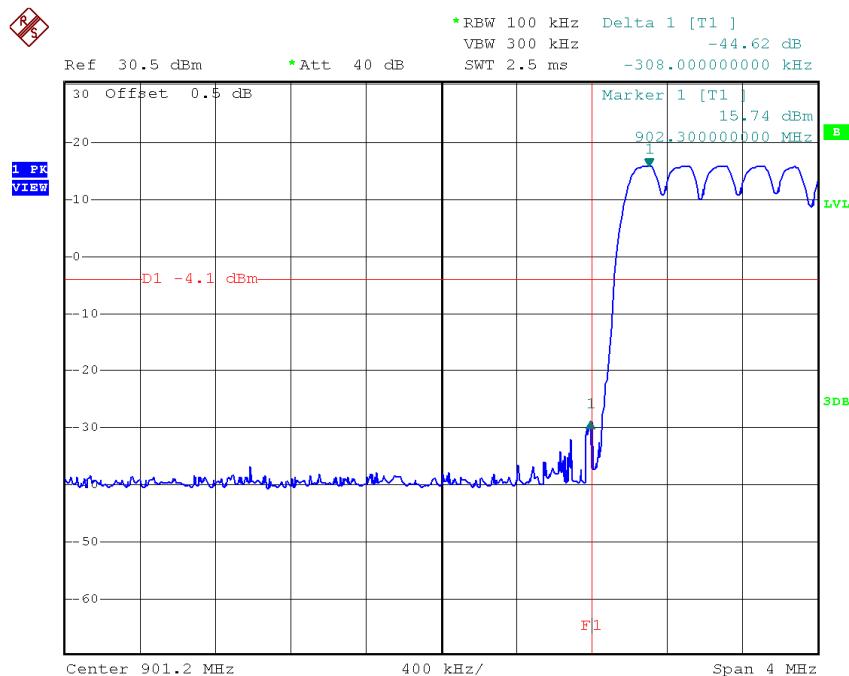
Intertek Testing Services Hong Kong Limited

HKAS has accredited this laboratory (Reg. No. HOKLAS 005) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

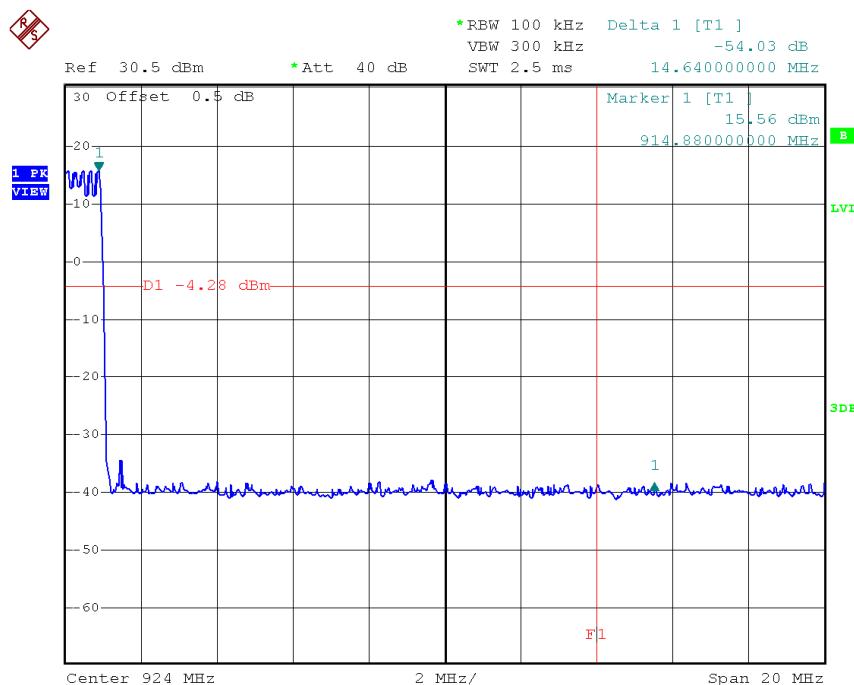


### PLOTS OF BANDEDGE (HOPPING) (125kHz – Hybrid mode)

Lowest Channel



Highest Channel



## TEST REPORT

Issuing Laboratory:

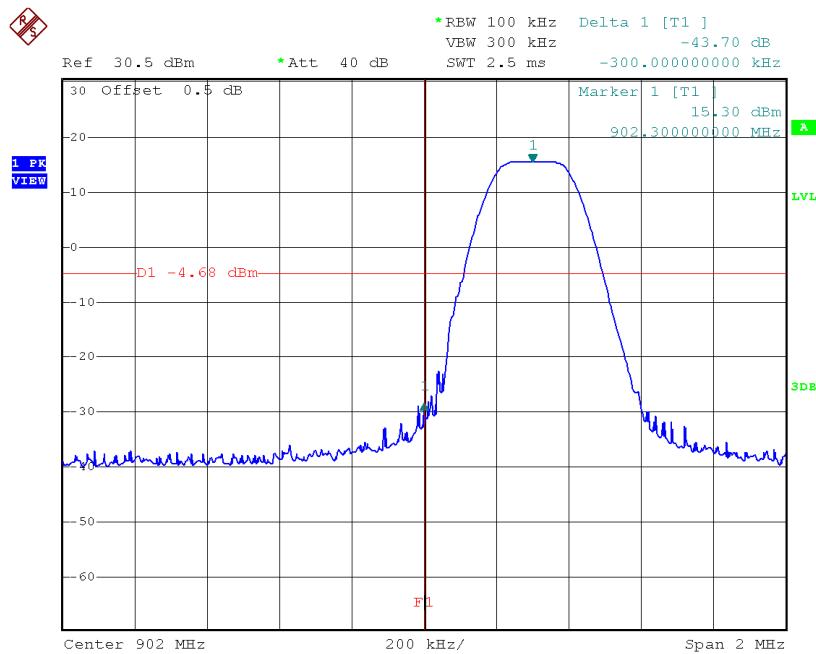
Intertek Testing Services Hong Kong Limited

HKAS has accredited this laboratory (Reg. No. HOKLAS 005) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

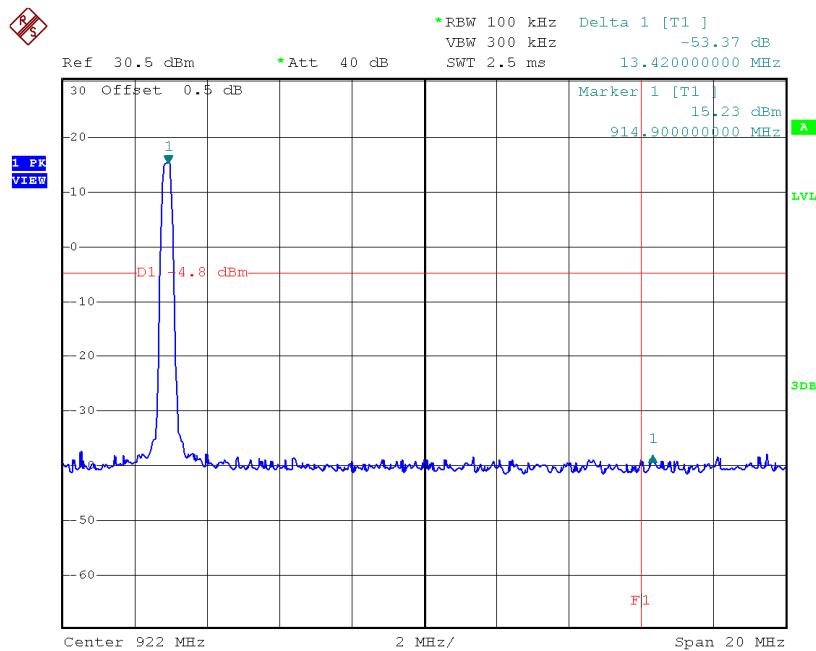


### PLOTS OF BANDEDGE (HOPPING TURN-OFF) (125kHz – Hybrid mode)

Lowest Channel, Bandedge



Highest Channel, Bandedge



## TEST REPORT

Issuing Laboratory:

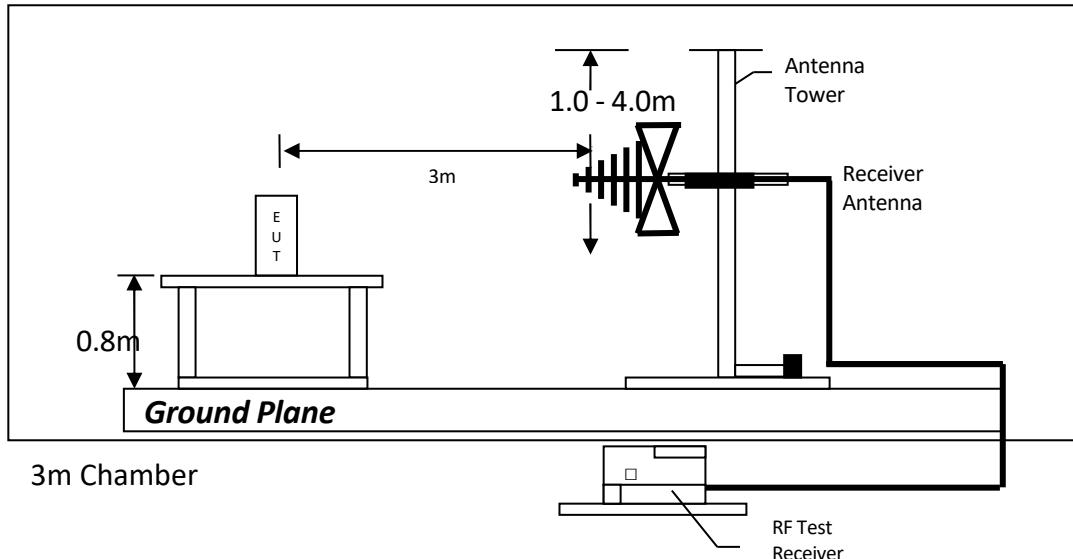
Intertek Testing Services Hong Kong Limited

HKAS has accredited this laboratory (Reg. No. HOKLAS 005) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

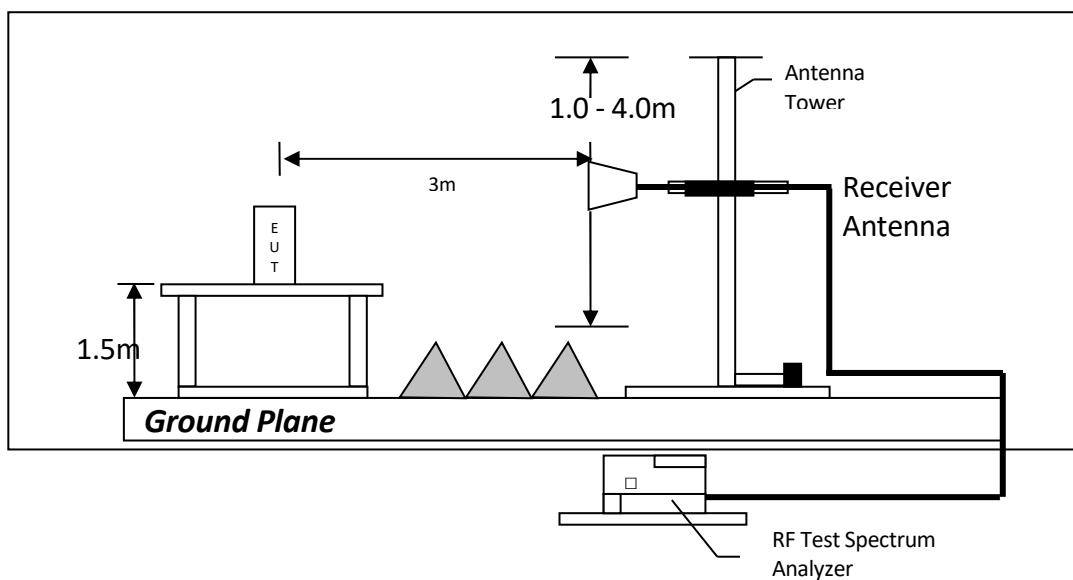


### 4.9 Radiated Emission Test Setup

The figure below shows the test setup, which is utilized to make these measurements.



Test setup of radiated emissions up to 1GHz



Test setup of radiated emissions above 1GHz

## TEST REPORT

Issuing Laboratory:

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### 4.10 Field Strength Calculation

The field strength is calculated by adding the reading on the Spectrum Analyzer to the factors associated with preamplifiers (if any), antennas, cables, pulse desensitization and average factors (when specified limit is in average and measurements are made with peak detectors). A sample calculation is included below.

$$FS = RA + AF + CF - AG + PD + AV$$

where

FS	=	Field Strength in $\text{dB}\mu\text{V}/\text{m}$
RA	=	Receiver Amplitude (including preamplifier) in $\text{dB}\mu\text{V}$
CF	=	Cable Attenuation Factor in dB
AF	=	Antenna Factor in dB
AG	=	Amplifier Gain in dB
PD	=	Pulse Desensitization in dB
AV	=	Average Factor in -dB

In the radiated emission table which follows, the reading shown on the data table may reflects the preamplifier gain. An example of the calculations, where the reading does not reflect the preamplifier gain, follows:

$$FS = RA + AF + CF - AG + PD + AV$$

**Example:**

Assume a receiver reading of 62.0  $\text{dB}\mu\text{V}$  is obtained. The antenna factor of 7.4 dB and cable factor of 1.6 dB is added. The amplifier gain of 29.0 dB is subtracted. The pulse desensitization factor of the spectrum analyzer is 0.0 dB, and the resultant average factor is -10.0 dB. The net field strength for comparison to the appropriate emission limit is 32.0  $\text{dB}\mu\text{V}/\text{m}$ . This value in  $\text{dB}\mu\text{V}/\text{m}$  is converted to its corresponding level in  $\mu\text{V}/\text{m}$ .

RA	=	62.0 $\text{dB}\mu\text{V}$
AF	=	7.4 dB
CF	=	1.6 dB
AG	=	29 dB
PD	=	0.0 dB
AV	=	-10 dB
FS	=	$62.0 + 7.4 + 1.6 - 29.0 + 0.0 + (-10.0) = 32.0 \text{ dB}\mu\text{V}/\text{m}$

Level in  $\mu\text{V}/\text{m}$  = Common Antilogarithm  $[(32.0 \text{ dB}\mu\text{V}/\text{m})/20] = 39.8 \mu\text{V}/\text{m}$

## TEST REPORT

Issuing Laboratory:

**Intertek Testing Services Hong Kong Limited**

HKAS has accredited this laboratory (Reg. No. HOKLAS 005) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.



### 4.11 Transmitter Radiated Emissions in Restricted Bands and Spurious Emissions

Data is included of the worst-case configuration (the configuration which resulted in the highest emission levels). A sample calculation, configuration photographs and data tables of the emissions are included.

The data on the following pages list the significant emission frequencies, the limit and the margin of compliance.

#### 4.11.1 Radiated Emission Configuration Photograph

Worst Case Restricted Band Radiated Emission

at 902.000 MHz

The worst case radiated emission configuration photographs are saved with filename: config photos.pdf

#### 4.11.2 Radiated Emission Data

The data in tables 1-7 list the significant emission frequencies, the limit and the margin of compliance.

Judgement –

Passed by 0.6 dB margin

## TEST REPORT

Issuing Laboratory:

Intertek Testing Services Hong Kong Limited

HKAS has accredited this laboratory (Reg. No. HOKLAS 005) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.



## RADIATED EMISSION DATA

Mode: TX - Digital Transmission System (500kHz mode)

Table 1 Lowest Channel

Polari-zation	Frequency (MHz)	Reading (dB $\mu$ V)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m Average (dB $\mu$ V/m)	Average Limit at 3m (dB $\mu$ V/m)	Margin (dB)
H	1806.000	41.3	33	27.2	35.5	54.0	-18.5
V	2709.000	28.3	33	30.4	25.7	54.0	-28.3
H	3612.000	28.6	33	33.3	28.9	54.0	-25.1
V	4515.000	27.3	33	34.9	29.2	54.0	-24.8
V	5418.000	28.7	33	35.7	31.4	54.0	-22.6
H	6321.000	28.1	33	36.9	32.0	54.0	-22.0
H	7224.000	29.7	33	37.9	34.6	54.0	-19.4

Polari-zation	Frequency (MHz)	Reading (dB $\mu$ V)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Peak (dB $\mu$ V/m)	Peak Limit at 3m (dB $\mu$ V/m)	Margin (dB)
H	1806.000	47.9	33	27.2	42.1	74.0	-31.9
V	2709.000	42.2	33	30.4	39.6	74.0	-34.4
H	3612.000	40.8	33	33.3	41.1	74.0	-32.9
V	4515.000	41.8	33	34.9	43.7	74.0	-30.3
V	5418.000	42.7	33	35.7	45.4	74.0	-28.6
H	6321.000	42.3	33	36.9	46.2	74.0	-27.8
H	7224.000	42.6	33	37.9	47.5	74.0	-26.5

NOTES:

1. Peak detector is used for the emission measurement. Average detector is used for the average data of emission measurement
2. All measurements were made at 3 meters.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna is used for the emission over 1000MHz
5. Emissions within the restricted band meets the requirement of FCC Part 15 Section 15.205 / RSS-Gen Section 8.10
6. Measurement Uncertainty is  $\pm 5.3$ dB at a level of confidence of 95%.

## TEST REPORT

Issuing Laboratory:

Intertek Testing Services Hong Kong Limited

HKAS has accredited this laboratory (Reg. No. HOKLAS 005) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.



## RADIATED EMISSION DATA

Mode: TX - Digital Transmission System (500kHz mode)

Table 2 Middle Channel

Polari-zation	Frequency (MHz)	Reading (dB $\mu$ V)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m Average (dB $\mu$ V/m)	Average Limit at 3m (dB $\mu$ V/m)	Margin (dB)
H	1815.600	41.1	33	27.2	35.3	54.0	-18.7
V	2723.400	28.4	33	30.4	25.8	54.0	-28.2
H	3631.200	28.0	33	33.3	28.3	54.0	-25.7
V	4539.000	27.5	33	34.9	29.4	54.0	-24.6
V	5446.800	28.6	33	35.7	31.3	54.0	-22.7
H	6354.600	28.4	33	36.9	32.3	54.0	-21.7
H	7262.400	29.3	33	37.9	34.2	54.0	-19.8

Polari-zation	Frequency (MHz)	Reading (dB $\mu$ V)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Peak (dB $\mu$ V/m)	Peak Limit at 3m (dB $\mu$ V/m)	Margin (dB)
H	1815.600	48.1	33	27.2	42.3	74.0	-31.7
V	2723.400	41.7	33	30.4	39.1	74.0	-34.9
H	3631.200	41.1	33	33.3	41.4	74.0	-32.6
V	4539.000	41.5	33	34.9	43.4	74.0	-30.6
V	5446.800	42.3	33	35.7	45.0	74.0	-29.0
H	6354.600	42.1	33	36.9	46.0	74.0	-28.0
H	7262.400	42.3	33	37.9	47.2	74.0	-26.8

NOTES:

1. Peak detector is used for the emission measurement. Average detector is used for the average data of emission measurement
2. All measurements were made at 3 meters.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna is used for the emission over 1000MHz
5. Emissions within the restricted band meets the requirement of FCC Part 15 Section 15.205 / RSS-Gen Section 8.10
6. Measurement Uncertainty is  $\pm 5.3$ dB at a level of confidence of 95%.

## TEST REPORT

Issuing Laboratory:

Intertek Testing Services Hong Kong Limited

HKAS has accredited this laboratory (Reg. No. HOKLAS 005) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.



## RADIATED EMISSION DATA

Mode: TX - Digital Transmission System (500kHz mode)

Table 3 Highest Channel

Polari-zation	Frequency (MHz)	Reading (dB $\mu$ V)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m Average (dB $\mu$ V/m)	Average Limit at 3m (dB $\mu$ V/m)	Margin (dB)
H	1828.400	41.1	33	27.2	35.3	54.0	-18.7
V	2742.600	28.5	33	30.4	25.9	54.0	-28.1
H	3656.800	28.4	33	33.3	28.7	54.0	-25.3
V	4571.000	27.4	33	34.9	29.3	54.0	-24.7
V	5485.200	29.0	33	35.7	31.7	54.0	-22.3
H	6399.400	28.5	33	36.9	32.4	54.0	-21.6
H	7313.600	29.6	33	37.9	34.5	54.0	-19.5

Polari-zation	Frequency (MHz)	Reading (dB $\mu$ V)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Peak (dB $\mu$ V/m)	Peak Limit at 3m (dB $\mu$ V/m)	Margin (dB)
H	1828.400	48.4	33	27.2	42.6	74.0	-31.4
V	2742.600	41.6	33	30.4	39.0	74.0	-35.0
H	3656.800	41.5	33	33.3	41.8	74.0	-32.2
V	4571.000	41.2	33	34.9	43.1	74.0	-30.9
V	5485.200	42.8	33	35.7	45.5	74.0	-28.5
H	6399.400	42.4	33	36.9	46.3	74.0	-27.7
H	7313.600	42.8	33	37.9	47.7	74.0	-26.3

NOTES:

1. Peak detector is used for the emission measurement. Average detector is used for the average data of emission measurement
2. All measurements were made at 3 meters.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna is used for the emission over 1000MHz
5. Emissions within the restricted band meets the requirement of FCC Part 15 Section 15.205 / RSS-Gen Section 8.10
6. Measurement Uncertainty is  $\pm 5.3$ dB at a level of confidence of 95%.

## TEST REPORT

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## RADIATED EMISSION DATA

Mode: TX-Hybrid (125kHz mode)

Table 4, Transmitter Lowest Channel

Polari-zation	Frequency (MHz)	Reading (dB $\mu$ V)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m Average (dB $\mu$ V/m)	Average Limit at 3m (dB $\mu$ V/m)	Margin (dB)
H	1804.600	43.2	33	27.2	37.4	54.0	-16.6
V	2706.900	30.9	33	30.4	28.3	54.0	-25.7
H	3609.200	28.9	33	33.3	29.2	54.0	-24.8
H	4511.500	28.6	33	34.9	30.5	54.0	-23.5
V	5413.800	29.0	33	35.7	31.7	54.0	-22.3
H	6316.100	28.2	33	36.9	32.1	54.0	-21.9
V	7218.400	29.1	33	37.9	34.0	54.0	-20.0

Polari-zation	Frequency (MHz)	Reading (dB $\mu$ V)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Peak (dB $\mu$ V/m)	Peak Limit at 3m (dB $\mu$ V/m)	Margin (dB)
H	1804.600	48.3	33	27.2	42.5	74.0	-31.5
V	2706.900	43.2	33	30.4	40.6	74.0	-33.4
H	3609.200	42.9	33	33.3	43.2	74.0	-30.8
H	4511.500	41.5	33	34.9	43.4	74.0	-30.6
V	5413.800	41.4	33	35.7	44.1	74.0	-29.9
H	6316.100	41.4	33	36.9	45.3	74.0	-28.7
V	7218.400	42.1	33	37.9	47.0	74.0	-27.0

NOTES:

1. Peak detector is used for the emission measurement. Average detector is used for the average data of emission measurement
2. All measurements were made at 3 meters.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna is used for the emission over 1000MHz
5. Emissions within the restricted band meets the requirement of FCC Part 15 Section 15.205 / RSS-Gen Section 8.10
6. Measurement Uncertainty is  $\pm 5.3$ dB at a level of confidence of 95%.

## TEST REPORT

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## RADIATED EMISSION DATA

Mode: TX-Hybrid (125kHz mode)

Table 5, Transmitter Middle Channel

Polari-zation	Frequency (MHz)	Reading (dB $\mu$ V)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m Average (dB $\mu$ V/m)	Average Limit at 3m (dB $\mu$ V/m)	Margin (dB)
H	1817.000	43.5	33	27.2	37.7	54.0	-16.3
V	2725.500	31.0	33	30.4	28.4	54.0	-25.6
H	3634.000	28.7	33	33.3	29.0	54.0	-25.0
H	4542.500	28.4	33	34.9	30.3	54.0	-23.7
V	5451.000	28.6	33	35.7	31.3	54.0	-22.7
H	6359.500	28.5	33	36.9	32.4	54.0	-21.6
V	7268.000	29.3	33	37.9	34.2	54.0	-19.8

Polari-zation	Frequency (MHz)	Reading (dB $\mu$ V)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Peak (dB $\mu$ V/m)	Peak Limit at 3m (dB $\mu$ V/m)	Margin (dB)
H	1817.000	48.0	33	27.2	42.2	74.0	-31.8
V	2725.500	42.9	33	30.4	40.3	74.0	-33.7
H	3634.000	42.7	33	33.3	43.0	74.0	-31.0
H	4542.500	41.7	33	34.9	43.6	74.0	-30.4
V	5451.000	41.7	33	35.7	44.4	74.0	-29.6
H	6359.500	41.6	33	36.9	45.5	74.0	-28.5
V	7268.000	43.0	33	37.9	47.9	74.0	-26.1

NOTES:

1. Peak detector is used unless otherwise stated. Average detector is used for the average data of emission measurement
2. All measurements were made at 3 meters.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna is used for the emission over 1000MHz
5. Emissions within the restricted band meets the requirement of FCC Part 15 Section 15.205 / RSS-Gen Section 8.10
6. Measurement Uncertainty is  $\pm 5.3$ dB at a level of confidence of 95%.

## TEST REPORT

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## RADIATED EMISSION DATA

Mode: TX-Hybrid (125kHz mode)

Table 6, Transmitter Highest Channel

Polari-zation	Frequency (MHz)	Reading (dB $\mu$ V)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m Average (dB $\mu$ V/m)	Average Limit at 3m (dB $\mu$ V/m)	Margin (dB)
H	1829.800	43.6	33	27.2	37.8	54.0	-16.2
V	2744.700	30.7	33	30.4	28.1	54.0	-25.9
H	3659.600	29.0	33	33.3	29.3	54.0	-24.7
H	4574.500	28.6	33	34.9	30.5	54.0	-23.5
V	5489.400	28.4	33	35.7	31.1	54.0	-22.9
H	6404.330	28.7	33	36.9	32.6	54.0	-21.4
V	7319.200	29.5	33	37.9	34.4	54.0	-19.6

Polari-zation	Frequency (MHz)	Reading (dB $\mu$ V)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Peak (dB $\mu$ V/m)	Peak Limit at 3m (dB $\mu$ V/m)	Margin (dB)
H	1829.800	48.6	33	27.2	42.8	74.0	-31.2
V	2744.700	43.0	33	30.4	40.4	74.0	-33.6
H	3659.600	43.2	33	33.3	43.5	74.0	-30.5
H	4574.500	41.8	33	34.9	43.7	74.0	-30.3
V	5489.400	41.6	33	35.7	44.3	74.0	-29.7
H	6404.330	41.7	33	36.9	45.6	74.0	-28.4
V	7319.200	42.5	33	37.9	47.4	74.0	-26.6

NOTES:

1. Peak detector is used unless otherwise stated. Average detector is used for the average data of emission measurement
2. Average detector is used for the average data of emission measurement.
3. All measurements were made at 3 meters.
4. Negative value in the margin column shows emission below limit.
5. Horn antenna is used for the emission over 1000MHz
6. Emissions within the restricted band meets the requirement of FCC Part 15 Section 15.205 / RSS-Gen Section 8.10
7. Measurement Uncertainty is  $\pm 5.3$ dB at a level of confidence of 95%.

**TEST REPORT**

Issuing Laboratory:

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**RADIATED EMISSION DATA**

Mode: Normal

Table 7

Polarization	Frequency (MHz)	Reading (dB $\mu$ V)	Pre-amp (dB)	Antenna Factor (dB)	Net at 3m (dB $\mu$ V/m)	Limit at 3m (dB $\mu$ V/m)	Margin (dB)
V	30.212	26.8	16	10.0	20.8	40.0	-19.2
V	183.866	33.8	16	20.0	37.8	43.5	-5.7
H	298.326	18.4	16	22.0	24.4	46.0	-21.6
H	421.638	21.8	16	25.0	30.8	46.0	-15.2
H	884.085	22.4	16	32.0	38.4	46.0	-7.6
H	902.000	29.4	16	32.0	45.4	46.0	-0.6
H	928.000	26.4	16	33.0	43.4	46.0	-2.6

NOTES:

1. Quasi-Peak detector is used unless otherwise stated.
2. All measurements were made at 3 meters.
3. Negative value in the margin column shows emission below limit.
4. Emissions within the restricted band meets the requirement of FCC Part 15 Section 15.205 / RSS-Gen Section 8.10
5. Measurement Uncertainty is  $\pm 5.3$ dB at a level of confidence of 95%.

## TEST REPORT

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### 4.12 AC Power Line Conducted Emission

- Not Applicable – EUT is only powered by battery for operation.
- EUT connects to AC power line. Emission Data is listed in following pages.
- Base Unit connects to AC power line and has transmission. Handset connects to AC power line but has no transmission. Emission Data of Base Unit is listed in following pages.

#### 4.12.1 AC Power Line Conducted Emission Configuration Photograph

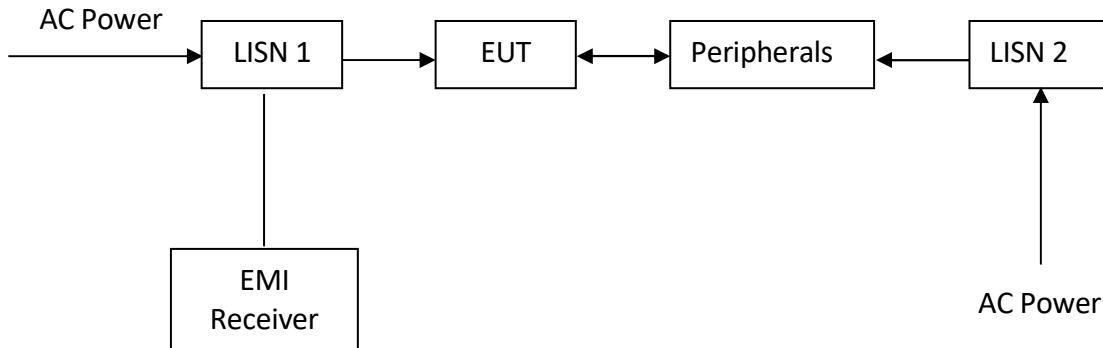
N/A

The worst-case line conducted configuration photographs are attached in the Appendix and saved with filename: config photos.pdf.

#### 4.12.2 AC Power Line Conducted Emission Data

N/A

#### 4.12.3 Conducted Emission Test Setup



The EUT along with its peripherals were placed on a 1.0m(W)×1.5m(L) and 0.8m in height wooden table and the EUT was adjusted to maintain a 0.4 meter space from a vertical reference plane. The EUT was connected to power mains through a line impedance stabilization network (LISN), which provided 50 ohm coupling impedance for measuring instrument and the chassis ground was bounded to the horizontal ground plane of shielded room. The excess power cable between the EUT and the LISN was bundled.

All connecting cables of EUT and peripherals were moved to find the maximum emission.

## TEST REPORT

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## EXHIBIT 5 EQUIPMENT LIST

### 1) Radiated Emissions Test

Equipment	Signal and Spectrum Analyzer (10Hz to 40GHz)	Biconical Antenna (30MHz to 300MHz)	EMI Test Receiver 7GHz
Registration No.	EW-3016	EW-3242	EW-3481
Manufacturer	ROHDE SCHWARZ	EMCO	ROHDE SCHWARZ
Model No.	FSV40	3110C	ESR7
Calibration Date	January 29, 2022	May 26, 2021	December 21, 2021
Calibration Due Date	January 29, 2023	May 26, 2023	March 21, 2023
Equipment	Log Periodic Antenna	Double Ridged Guide Antenna	Active Loop H-field (9kHz to 30MHz)
Registration No.	EW-3243	EW-1133	EW-3302
Manufacturer	EMCO	EMCO	EMCO
Model No.	3148B	3115	6502
Calibration Date	June 03, 2021	May 26, 2021	September 08, 2022
Calibration Due Date	March 30, 2023	February 26, 2023	September 08, 2023
Equipment	RF Preamplifier (9kHz to 6000MHz)	Pyramidal Horn Antenna	14m Double Shield RF Cable (9kHz - 6GHz)
Registration No.	EW-3006b	EW-0905	EW-2376
Manufacturer	SCHWARZBECK	EMCO	RADIALL
Model No.	BBV9718	3160-09	n m/br56/bnc m 14m
Calibration Date	February 15, 2022	July 20, 2021	January 26, 2022
Calibration Due Date	February 15, 2023	February 20, 2023	April 26, 2023
Equipment	RF Cable 14m (1GHz to 26.5GHz)	14m Double Shield RF Cable (20MHz to 6GHz)	
Registration No.	EW-2781	EW-2074	
Manufacturer	GREATBILLION	RADIALL	
Model No.	SMA m/SHF5MPU /SMA m ra14m,26G	N(m)-RG142-BNC(m) L=14M	
Calibration Date	November 24, 2021	December 10, 2021	
Calibration Due Date	April 24, 2023	March 10, 2023	

**TEST REPORT**

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**5.0 EQUIPMENT LIST (CONT'D)****2 Bandedge Measurement**

Equipment	Spectrum Analyzer	5m RF Cable (40GHz)
Registration No.	EW-2466	EW-2701
Manufacturer	ROHDE SCHWARZ	RADIALL
Model No.	FSP30	Sma m-m 5m 40G
Calibration Date	November 18, 2019	November 24, 2020
Calibration Due Date	February 18, 2023	February 24, 2023

**3 OBW Measurement**

Equipment	Spectrum Analyzer	5m RF Cable (40GHz)
Registration No.	EW-2466	EW-2701
Manufacturer	ROHDE SCHWARZ	RADIALL
Model No.	FSP30	Sma m-m 5m 40G
Calibration Date	November 18, 2019	November 24, 2020
Calibration Due Date	February 18, 2023	February 24, 2023

**TEST REPORT****Issuing Laboratory:****Intertek Testing Services Hong Kong Limited**

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**4 Control Software for Radiated Emission****Software Information**

Software Name	EMC32
Manufacturer	ROHDE SCHWARZ
Software version	10.50.40

**END OF TEST REPORT**